



**Highway Factors Group Attachment - Highway Intersection Improvements NYS Routes
30/30A & 30/443, November 2009**

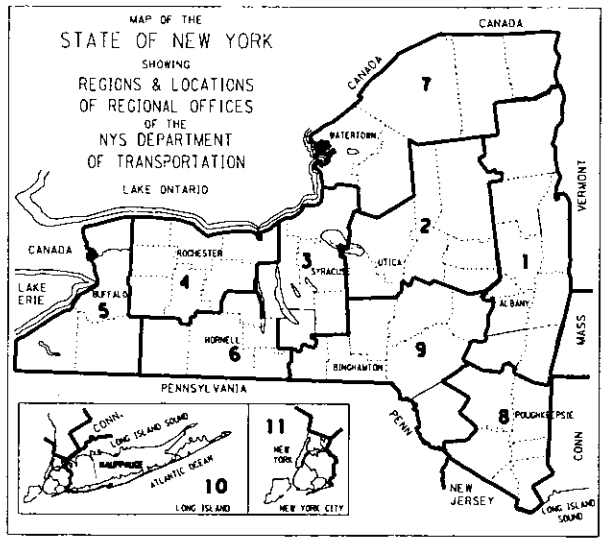
Schoharie, NY

HWY19FH001

(109 pages)

FILE NAME = I:\1997\1997\104\003 NY Route 30\Drawings\Highway\912505.cvr.dgn
 DATE/TIME = 11/3/2009 9:41:31 AM
 USER = ssonjshyn

CHECKED BY CJM/JRM
 DRAFTED BY JLW
 ESTIMATED BY N/A
 CHECKED BY JRM
 DESIGNED BY CJM
 JOB MANAGER JRM
 DESIGN SUPERVISOR JRM



STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 OFFICE OF ENGINEERING

HIGHWAY INTERSECTION IMPROVEMENTS
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195, & 9298
 IN THE TOWN OF SCHOHARIE

145 SHEETS SCHOHARIE COUNTY CONTRACT D261326
 F.A. PROJECT

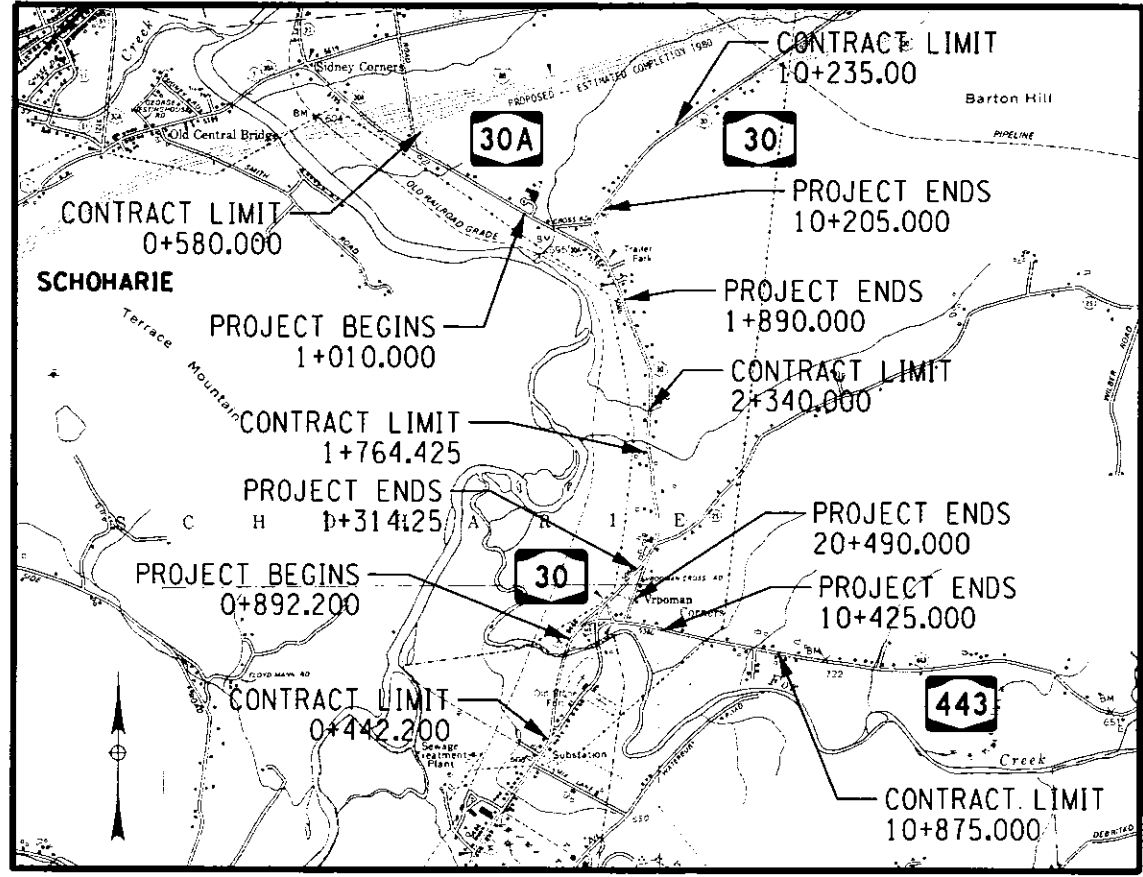
THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY THE DEPARTMENT, WHICH ARE CURRENT ON THE DATE OF ADVERTISEMENT FOR BIDS, SHALL BE CONSIDERED TO BE IN EFFECT. ALL PAY ITEMS AND WORK CONTAINED IN THE CONTRACT AND ANY ADDITIONAL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT TO THE APPLICABLE STANDARD SHEET(S) UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (METRIC UNITS) OF MAY 4, 2006, EXCEPT AS MODIFIED ON THESE PLANS AND IN THE ITEMIZED PROPOSAL.

CONTRACT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH NYS DOT POLICIES AND GUIDELINES AND THE FINAL DESIGN REPORT APPROVED ON DECEMBER 9, 2008.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY:" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CONTRACTOR'S NAME _____
 AWARD DATE _____
 COMPLETION DATE _____
 FINAL ACCEPTANCE DATE _____
 REGIONAL DIRECTOR _____
 ENGINEER IN CHARGE _____
 FINAL COST TOTAL _____
 FISCAL SHARE _____ COST(S) _____



PROJECT LOCATION

THIS PROJECT INCLUDES INTERSECTION IMPROVEMENTS AT 30/30A AND 30/443.

RECOMMENDED BY [Signature] 1/16/09 DATE REGIONAL DESIGN ENGINEER
 RECOMMENDED BY [Signature] 11-4-09 DATE REGIONAL CONSTRUCTION ENGINEER
 RECOMMENDED BY [Signature] 11/4/09 DATE REGIONAL TRANSPORTATION MAINTENANCE ENGINEER
 RECOMMENDED BY [Signature] 11/7/09 DATE REGIONAL TRAFFIC ENGINEER
 APPROVED BY [Signature] 11/17/09 DATE REGIONAL DIRECTOR

| | | | |
|--|-------|-----------|--------------|
| S.H. 5444, 5086, 5195, & 9298 | | | |
| NYS ROUTES 30/30A & 30/443 | | | |
| TOWN OF SCHOHARIE | | | |
| SCHOHARIE COUNTY | | | |
| FED. ROAD REG. NO. | STATE | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | 1 | 145 |
| FEDERAL AID PROJECT NO. | | | |
| CAPITAL PROJECT IDENTIFICATION NO. 9125.05 | | | |
| INDEX ON SHEET NO. 2 | | | |

FILE NAME = T:\1997\1997104.003 NY Route 30 Intersections\NY RTE 30\Drawings\Highway\912505.cph.ind.dgn
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 USER = s3095hgh
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM

| ALIGNMENT | | TOPOGRAPHY (MISCELLANEOUS) | |
|------------------------------|---|----------------------------|--------------------------------|
| ABBR. | DESCRIPTION | ABBR. | DESCRIPTION |
| AH | AHEAD | ABUT | ABUTMENT |
| AZ | AZIMUTH | AOBE | AS ORDERED BY ENGINEER |
| BK | BACK | ASPH | ASPHALT |
| B | BASILINE | BDY | BOUNDARY |
| BRG | BEARING | BLDG | BUILDING |
| C | CENTERLINE | BM | BENCH MARK |
| CS | CURVE TO SPIRAL | CC | CENTER TO CENTER |
| e | SUPERELEVATION RATE (CROSS SLOPE) | CONC | CONCRETE |
| EQ | EQUALITY | CONST | CONSTRUCTION |
| EXT | EXTERNAL | CR | COUNTY ROAD |
| HCL | HORIZONTAL CONTROL LINE | D | DEED DISTANCE |
| HSD | HEADLIGHT SIGHT DISTANCE | DM | DIRECT MEASUREMENT |
| L | LENGTH OF CIRCULAR CURVE | DWY | DRIVEWAY |
| LS | LENGTH OF SPIRAL | EP | EDGE OF PAVEMENT |
| LVC | LENGTH OF VERTICAL CURVE | ES | EDGE OF SHOULDER |
| E | CENTER CORRECTION OF VERTICAL CURVE | FEE | FEE ACQUISITION |
| M | MAIN LINE | FEE WO/A | FEE ACQUISITION WITHOUT ACCESS |
| PC | POINT OF CURVATURE | FP | FENCE POST |
| PI | POINT OF INTERSECTION | FD | FOUNDATION |
| POL | POINT ON LINE | FL | FENCE LINE |
| PSD | PASSING SIGHT DISTANCE | GAR | GARAGE |
| PT | POINT OF TANGENT | GR | GRAVEL |
| PVC | POINT OF VERTICAL CURVE | HO | HOUSE |
| PVI | POINT OF VERTICAL INTERSECTION | HWY | HIGHWAY |
| PVT | POINT OF VERTICAL TANGENT | IP | IRON PIN OR IRON PIPE |
| R | RADIUS | MB | MAILBOX |
| SC | SPIRAL TO CURVE | MON | MONUMENT |
| SSD | STOPPING SIGHT DISTANCE | N&W | NAIL AND WASHER |
| ST | SPIRAL TO TANGENT | OG | ORIGINAL GROUND |
| STA | STATION | O/H | OVERHEAD |
| T | TANGENT LENGTH | P | PARCEL |
| TGL | THEORETICAL GRADE LINE | PAVT | PAVEMENT |
| TS | TANGENT TO SPIRAL | PE | PERMANENT EASEMENT |
| VC | VERTICAL CURVE | PED POLE | PEDESTRIAN POLE |
| TOPOGRAPHY (DRAINAGE) | | | |
| ABBR. | DESCRIPTION | P | PROPERTY LINE |
| BB | BOTTOM OF BANK (STREAM) | POR | PORCH |
| BC | BOTTOM OF CURB | RR | RAILROAD |
| BO | BOTTOM OF OPENING | RTE | ROUTE |
| CAP | CORRUGATED ALUMINUM PIPE | ROW | RIGHT OF WAY |
| CB | CATCH BASIN | RW | RETAINING WALL |
| CIP | CAST IRON PIPE | SH | STATE HIGHWAY |
| C STRM | CENTERLINE OF STREAM | SHLDR | SHOULDER |
| CMP | CORRUGATED METAL PIPE | SPK | SPIKE |
| CP | CONCRETE PIPE | ST | STREET |
| CSP | CORRUGATED STEEL PIPE | STK | STAKE |
| CULV | CULVERT | STY | STORY |
| DIA | DIAMETER | SW | SIDEWALK |
| DMH | DRAINAGE MANHOLE | TE | TEMPORARY EASEMENT |
| DS | DRAINAGE STRUCTURE PIPE | TO | TEMPORARY OCCUPANCY |
| D'XING | DITCH CROSSING | U/G | UNDERGROUND |
| EHW | EXTREME HIGH WATER | WW | WING WALL |
| EL | ELEVATION | PT | POINT |
| ELEV | ELEVATION | PERM | PERMANENT |
| ELW | EXTREME LOW WATER | PROT | PROTECTION |
| ES | END SECTION | TEMP | TEMPORARY |
| HW | HEADWALL | | |
| INV | INVERT | | |
| MH | MANHOLE | | |
| MHW | MEAN HIGH WATER | | |
| OHW | ORDINARY HIGH WATER | | |
| OLW | ORDINARY LOW WATER | | |
| RCP | REINFORCED CONCRETE PIPE | | |
| TB | TOP OF BANK (STREAM) | | |
| TC | TOP OF CURB | | |
| TG | TOP OF GRATE | | |
| VCP | VITRIFIED CLAY PIPE | | |
| SICPP | SMOOTH INTERIOR CORRUGATED POLYETHYLENE | | |

| TOPOGRAPHY (MISCELLANEOUS) | | UTILITIES | |
|----------------------------|--------------------------------|---|--|
| ABBR. | DESCRIPTION | ABBR. | DESCRIPTION |
| ABUT | ABUTMENT | E | ELECTRIC |
| AOBE | AS ORDERED BY ENGINEER | EMH | ELECTRIC MANHOLE |
| ASPH | ASPHALT | G | GAS |
| BDY | BOUNDARY | GP | GUY POLE |
| BLDG | BUILDING | GSB | GAS SERVICE BOX (HOUSE LINE) |
| BM | BENCH MARK | GV | GAS VALVE (MAIN LINE) |
| CC | CENTER TO CENTER | HYD | HYDRANT |
| CONC | CONCRETE | LP | LIGHT POLE |
| CONST | CONSTRUCTION | LPG | LOW PRESSURE GAS |
| CR | COUNTY ROAD | PP | POWER POLE |
| D | DEED DISTANCE | SA | SANITARY SEWER |
| DM | DIRECT MEASUREMENT | SMH | SANITARY MANHOLE |
| DWY | DRIVEWAY | ST | STORM SEWER |
| EP | EDGE OF PAVEMENT | T | TELEPHONE |
| ES | EDGE OF SHOULDER | TCB | TRAFFIC CONTROL BOX |
| FEE | FEE ACQUISITION | TELBOX | TELEPHONE BOX |
| FEE WO/A | FEE ACQUISITION WITHOUT ACCESS | TEL P | TELEPHONE POLE |
| FP | FENCE POST | TMH | TELEPHONE MANHOLE |
| FD | FOUNDATION | CTV | CABLE TELEVISION |
| FL | FENCE LINE | W | WATER |
| GAR | GARAGE | WSB | WATER SERVICE BOX (HOUSE LINE) |
| GR | GRAVEL | WV | WATER VALVE (MAIN LINE) |
| HO | HOUSE | SUBSURFACE EXPLORATION | |
| HWY | HIGHWAY | ABBR. | DESCRIPTION |
| IP | IRON PIN OR IRON PIPE | REPLACE ABBREVIATION "AB" WITH: | |
| MB | MAILBOX | AH | HAND AUGER |
| MON | MONUMENT | CP | CONE PENETROMETER |
| N&W | NAIL AND WASHER | DA | 60 mm CASED DRILL HOLE |
| OG | ORIGINAL GROUND | DM | DRILLING MUD |
| O/H | OVERHEAD | DN | 100 mm CASED DRILL HOLE |
| P | PARCEL | FH | HOLLOW FLIGHT AUGER |
| PAVT | PAVEMENT | PA | POWER AUGER |
| PE | PERMANENT EASEMENT | PH | PROBE |
| PED POLE | PEDESTRIAN POLE | PT | PERCOLATION TEST HOLE |
| P | PROPERTY LINE | RP | 25 mm SAMPLER (RETRACTABLE PLUG) |
| POR | PORCH | TO BE DEFINED AT THE TIME OF EXPLORATION | |
| RR | RAILROAD | SP | SEISMIC POINT |
| RTE | ROUTE | TP | TEST PIT |
| ROW | RIGHT OF WAY | ABBREVIATION "C" IN CATEGORIES: DA, DM, DN, AND FH WITH: | |
| RW | RETAINING WALL | B | BRIDGE |
| SH | STATE HIGHWAY | C | CUT |
| SHLDR | SHOULDER | D | DAM |
| SPK | SPIKE | F | FILL |
| ST | STREET | K | CULVERT |
| STK | STAKE | W | WALL |
| STY | STORY | X | TO BE USED IF ONE OF THE ABOVE CANNOT BE DEFINED AT THE TIME THE EXPLORATION IS MADE |
| SW | SIDEWALK | | |
| TE | TEMPORARY EASEMENT | | |
| TO | TEMPORARY OCCUPANCY | | |
| U/G | UNDERGROUND | | |
| WW | WING WALL | | |
| PT | POINT | | |
| PERM | PERMANENT | | |
| PROT | PROTECTION | | |
| TEMP | TEMPORARY | | |

| STANDARD SYMBOL (PLANS) | ITEM PAYMENT UNIT: ESTIMATE OF QUANTITIES SHEET | EQUIVALENT NOMENCLATURE: (SPECS/PROPOSAL) |
|-------------------------|---|---|
| m | M | METER |
| m ² | SQM | SQUARE METER |
| m ³ | CM | CUBIC METER |
| km | KM | KILOMETER |
| ho | HA | HECTARE |
| kg | KG | KILOGRAM |
| + OR Mg* | MT | METRIC TON |
| L | L | LITER |

* THE METRIC TON IS EQUIVALENT TO ONE MEGAGRAM (Mg)

| INDEX | | |
|--------------|--|---------------------|
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| 10-12 | ESTIMATE OF QUANTITIES | EQ-1 THRU EQ-3 |
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| 16 | ROUTE 30/30A INTERSECTION PLAN INDEX | N-1 |
| 17 | ROUTE 30/443 INTERSECTION PLAN INDEX | N-2 |
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| 43 | BASILINE TIES AND BENCHMARK DATA ROUTES 30/443 | BLT-2 |
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| 57 | ROUTES 30/30A EXTENDED DETENTION POND DETAILS | LAYOUT-3 |
| 58 | ASPHALT PARKING LOT LAYOUT | LAYOUT-4 |
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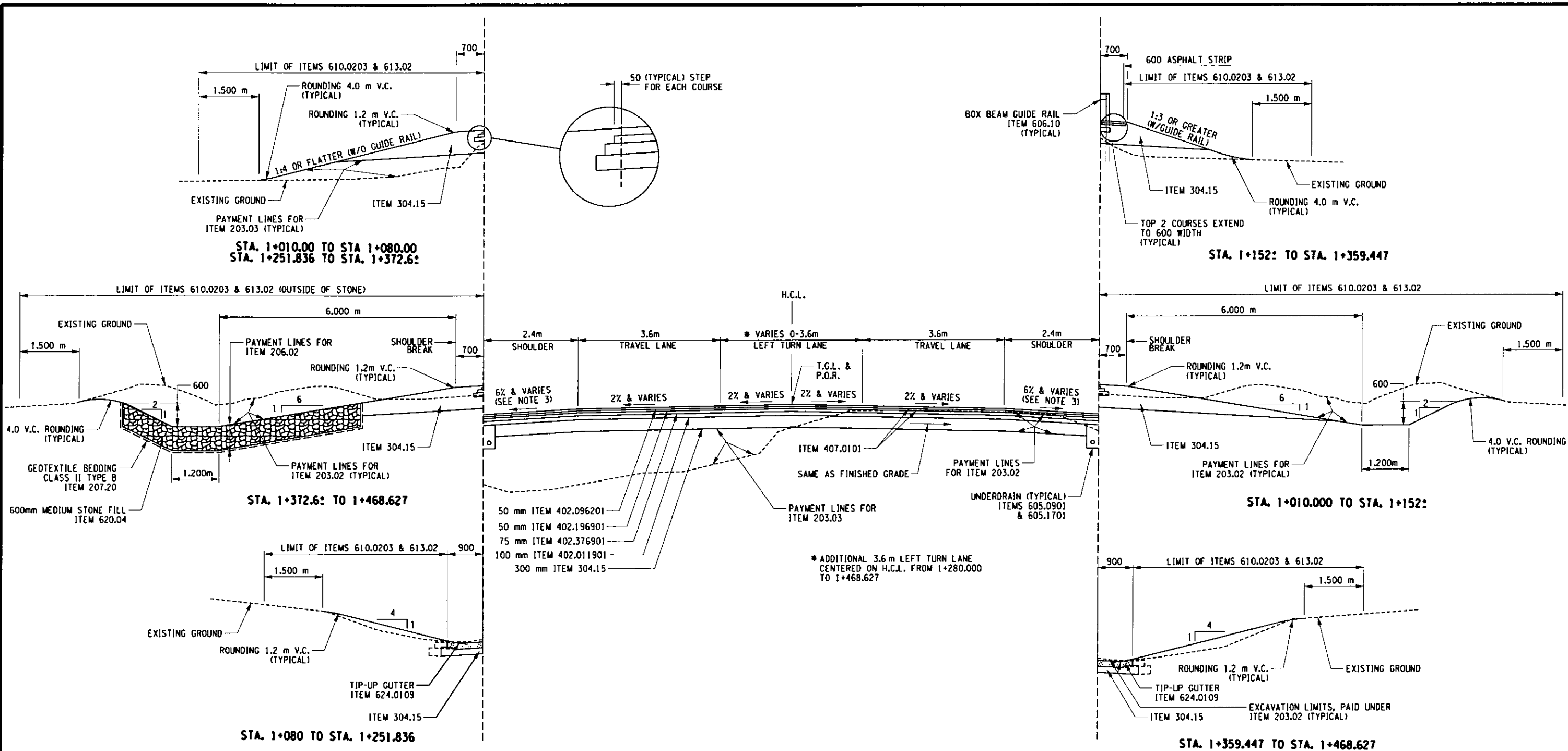
| STANDARD SHEETS | | | |
|-----------------|---------|---------|----------|
| 203-1 | 604-7 | 619-8 | 645-52R2 |
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| 209-9 | 608-7R1 | 619-60 | 655-9R2 |
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| 603-6 | 611-1 | 619-71 | 685-2R3 |
| 604-5R2 | 619-4R2 | 624-1R1 | 685-5R1 |
| 604-6R1 | 619-5R2 | 625-1R1 | |

| | | | | | |
|--|---|--|---------|---------------------|------------------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | CONTRACT NUMBER 0261326 |
| | NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | | | | |
| SIGNATURE _____ | DATE _____ | INDEX AND ABBREVIATIONS S.H. 5444, 5086, 5195, & 9298 | | | DRAWING NO. INDEX-1 SHEET NO. 2 |

DOCUMENT NAME: 912505.cph.ind.dgn
 NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9



FILE NAME = T:\1997\1997\04\003 NY Route 30 Intersections\Highway\typicals\912505A.cph.typ.01.dgn
 DATE/TIME = 11/5/2009 11:34:49 AM
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 DRAFTED BY: JLW
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| ITEM | DESCRIPTION | UNIT | ITEM | DESCRIPTION | UNIT |
|------------|--|------|------------|--|------|
| 203.02 | UNCLASSIFIED EXCAVATION AND DISPOSAL | CM | 402.376901 | 37.5mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT |
| 203.03 | EMBANKMENT IN PLACE | CM | 407.0101 | TACK COAT | L |
| 206.02 | TRENCH AND CULVERT EXCAVATION | CM | 605.0901 | UNDERDRAIN FILTER TYPE 1 | CM |
| 207.20 | GEOTEXTILE BEDDING CLASS II TYPE B | SQM | 605.1701 | OPTIONAL UNDERDRAIN PIPE | M |
| 304.15 | SUBBASE COURSE, OPTIONAL TYPE | CM | 606.10 | BOX BEAM GUIDE RAILING | M |
| 402.011901 | TYPE 2 F9, ASPHALT TREATED PERMEABLE BASE COURSE | MT | 610.0203 | ESTABLISHING TURF | SQM |
| 402.096201 | 9.5mm F2, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 613.02 | PLACING TOPSOIL - TYPE A | CM |
| 402.196901 | 19mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 620.04 | STONE FILLING (MEDIUM) | CM |
| | | | 624.0109 | TYPE BB CONCRETE GUTTER | SQM |

- NOTES:
- ITEM 407.0101 - TACK COAT SHALL BE APPLIED BETWEEN EACH LIFT OF ASPHALT PAVEMENT.
 - SEE DWG. NO. MD-1 FOR UNDERDRAIN & STANDARD SHEET 624-1R1 FOR TIP-UP GUTTER DETAILS.
 - THE CROSS SLOPE OF THE SHOULDER ON OUTSIDE OF THE CURVE SHALL VARY FROM 2% TO 6% AWAY FROM THE PAVEMENT. THE ALGEBRAIC DIFFERENCE IN PAVEMENT & SHOULDER CROSS SLOPES SHALL NOT EXCEED 8%.
 - REFER TO DWG. NO. MST-3 FOR AREAS TO RECEIVE TOPSOIL.
 - REFER TO DWG. NO.'S PRO-1 & PRO-2 FOR SUPERELEVATION AND TRANSITION DATA.



PREPARED BY:
 ON: NOVEMBER 2009
 ALTERED BY:
 ON:

AS BUILT REVISIONS
 DESCRIPTION OF WORK:

 SIGNATURE

 DATE

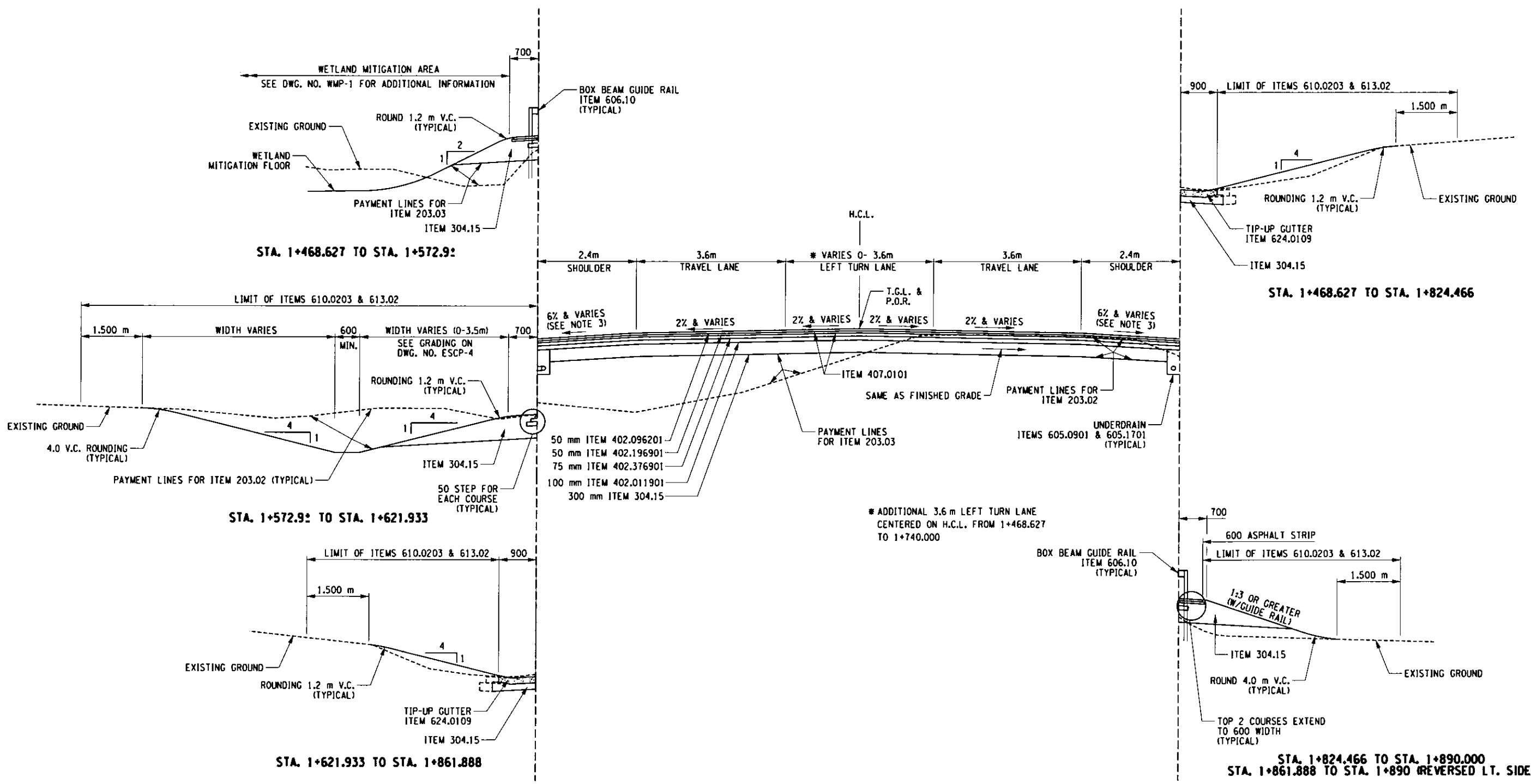
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 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN
 9125.05
 PS&E DATE
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BRIDGES
 CULVERTS
 C960062
 ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED
**ROUTES 30/30A INTERSECTION
 TYPICAL SECTIONS
 ROUTE 30A**
 S.H. 5195
 CONTRACT NUMBER
 D261326
 DRAWING NO. TS-1
 SHEET NO. 3
 NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9



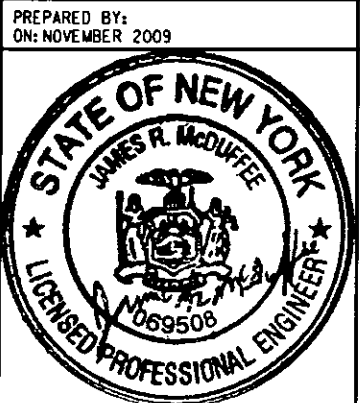
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- THE CROSS SLOPE OF THE SHOULDER ON THE OUTSIDE OF THE CURVE SHALL VARY FROM 2% TO 6% AWAY FROM THE PAVEMENT. THE ALGEBRAIC DIFFERENCE IN PAVEMENT & SHOULDER CROSS SLOPES SHALL NOT EXCEED 8%.
- SEE TABLE ON DWG. NO. MST-3 FOR AREAS TO RECEIVE TOPSOIL.
- REFER TO DWG. NO.'S PRO-2, PRO-3, & PRO-4 FOR SUPERELEVATION AND TRANSITION DATA.



PREPARED BY:
 ON: NOVEMBER 2009
 ALTERED BY:
 ON:

| | | | | | | |
|--|---|---|---------|---------------------|---|---------------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED | CONTRACT NUMBER D261326 |
| SIGNATURE _____ | DATE _____ | | | | | DRAWING NO. TS-2 SHEET NO. 4 |

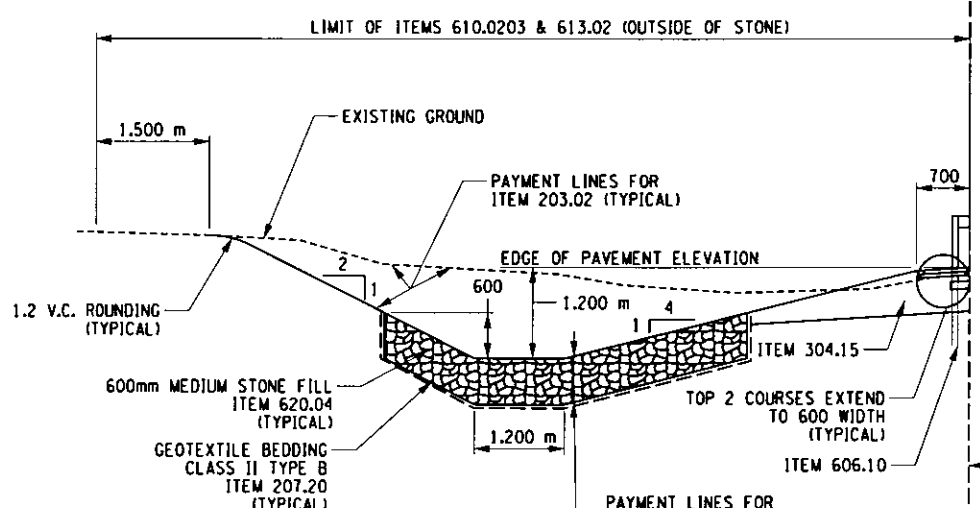
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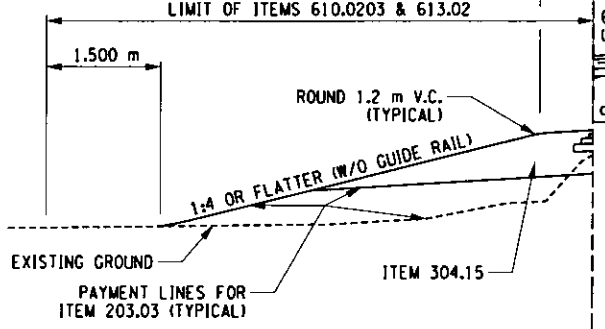
DELTA
 ENGINEERS, ARCHITECTS, & LAND SURVEYORS
 ROUTES 30/30A INTERSECTION
 TYPICAL SECTIONS
 ROUTE 30 EAST OF ROUTE 30A
 S.H. 5086
 NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

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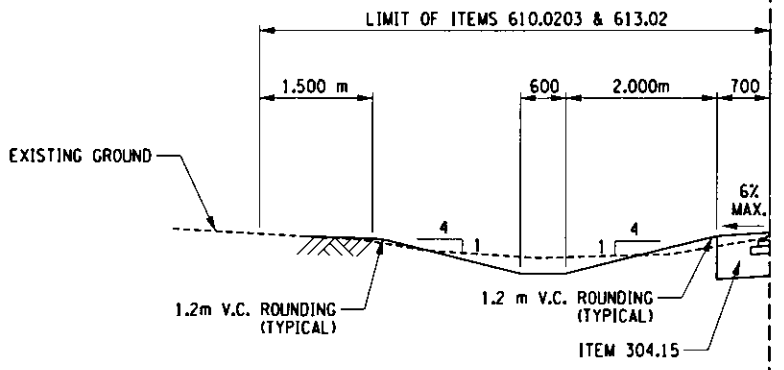
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, IS SHOWN TO BE ALTERED. ANY SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, SHALL BE STAMPED ON THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: CJM
 ESTIMATED BY: JRM
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM



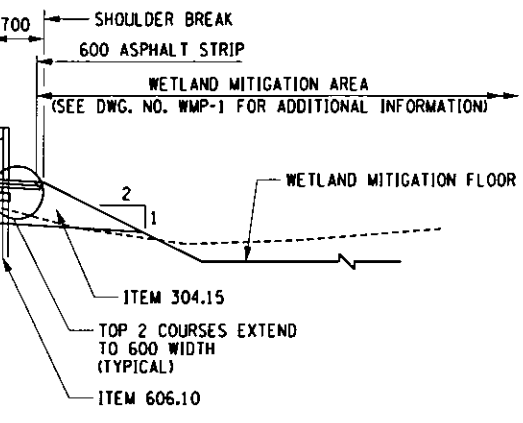
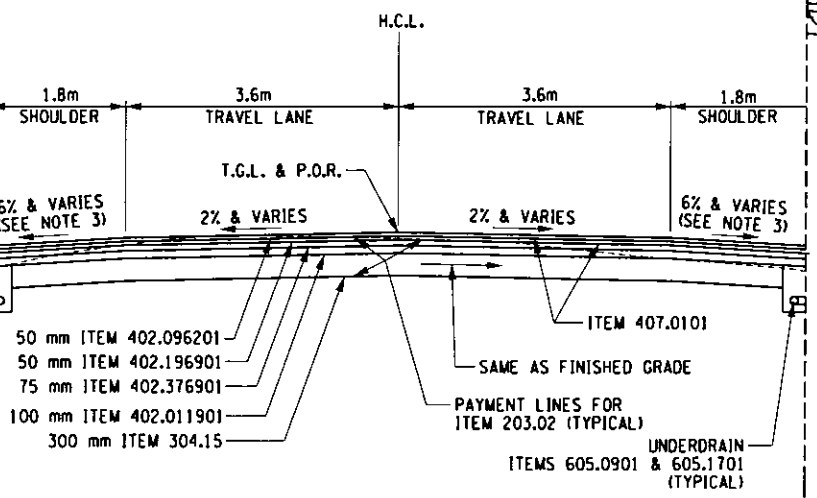
STA. 10+000.000 TO STA. 10+073:



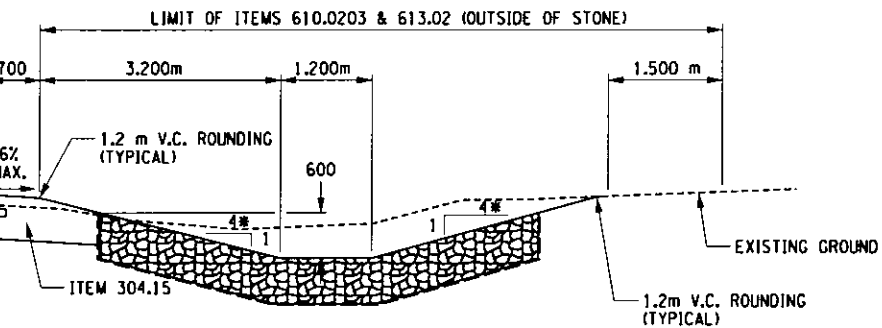
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STA. 10+129.5: TO STA. 10+175.000



STA. 10+000.000 TO STA. 10+097.1:

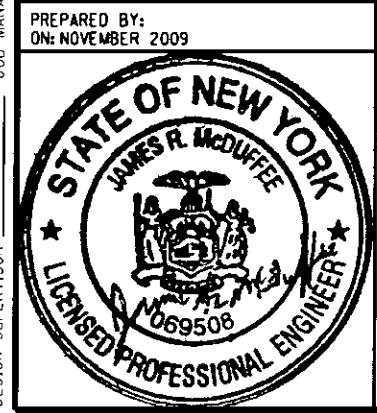


STA. 10+097.1: TO STA. 10+175.000

* = TRANSITIONS FROM 4:1 TO 2:1 IN 3m JUST BEFORE AND AFTER END SECTION OF CP-2.

| ITEM | DESCRIPTION | UNIT | ITEM | DESCRIPTION | UNIT |
|------------|--|------|------------|--|------|
| 203.02 | UNCLASSIFIED EXCAVATION AND DISPOSAL | CM | 402.376901 | 37.5mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT |
| 203.03 | EMBANKMENT IN PLACE | CM | 407.0101 | TACK COAT | L |
| 206.02 | TRENCH AND CULVERT EXCAVATION | CM | 605.0901 | UNDERDRAIN FILTER TYPE 1 | CM |
| 207.20 | GEOTEXTILE BEDDING CLASS II TYPE B | SQM | 605.1701 | OPTIONAL UNDERDRAIN PIPE | M |
| 304.15 | SUBBASE COURSE, OPTIONAL TYPE | CM | 606.10 | BOX BEAM GUIDE RAIL | M |
| 402.011901 | TYPE 2 F9, ASPHALT TREATED PERMEABLE BASE COURSE | MT | 610.0203 | ESTABLISHING TURF | SQM |
| 402.096201 | 9.5mm F2, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 613.02 | PLACING TOPSOIL - TYPE A | CM |
| 402.196901 | 19mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 620.04 | STONE FILLING (MEDIUM) | SQM |

| NOTES: | |
|--------|--|
| 1. | ITEM 407.0101-TACK COAT SHALL BE APPLIED BETWEEN EACH LIFT OF ASPHALT PAVEMENT. |
| 2. | SEE DWG. NO. MD-1 FOR UNDERDRAIN & TIP-UP GUTTER DETAILS. |
| 3. | THE CROSS SLOPE OF THE SHOULDER ON THE OUTSIDE OF THE CURVE SHALL VARY FROM 2% TO 6% AWAY FROM THE PAVEMENT. THE ALGEBRAIC DIFFERENCE IN PAVEMENT & SHOULDER CROSS SLOPES SHALL NOT EXCEED 8%. |
| 4. | SEE TABLE ON DWG. NO. MST-3 FOR AREAS TO RECEIVE TOPSOIL. |
| 5. | REFER TO DWG. NO. PRO-5 FOR SUPERELEVATION AND TRANSITION DATA. |
| 6. | EXCAVATION FOR PLACEMENT OF MEDIUM STONE FILL PAID UNDER ITEM 206.02. |



PREPARED BY:
ON: NOVEMBER 2009

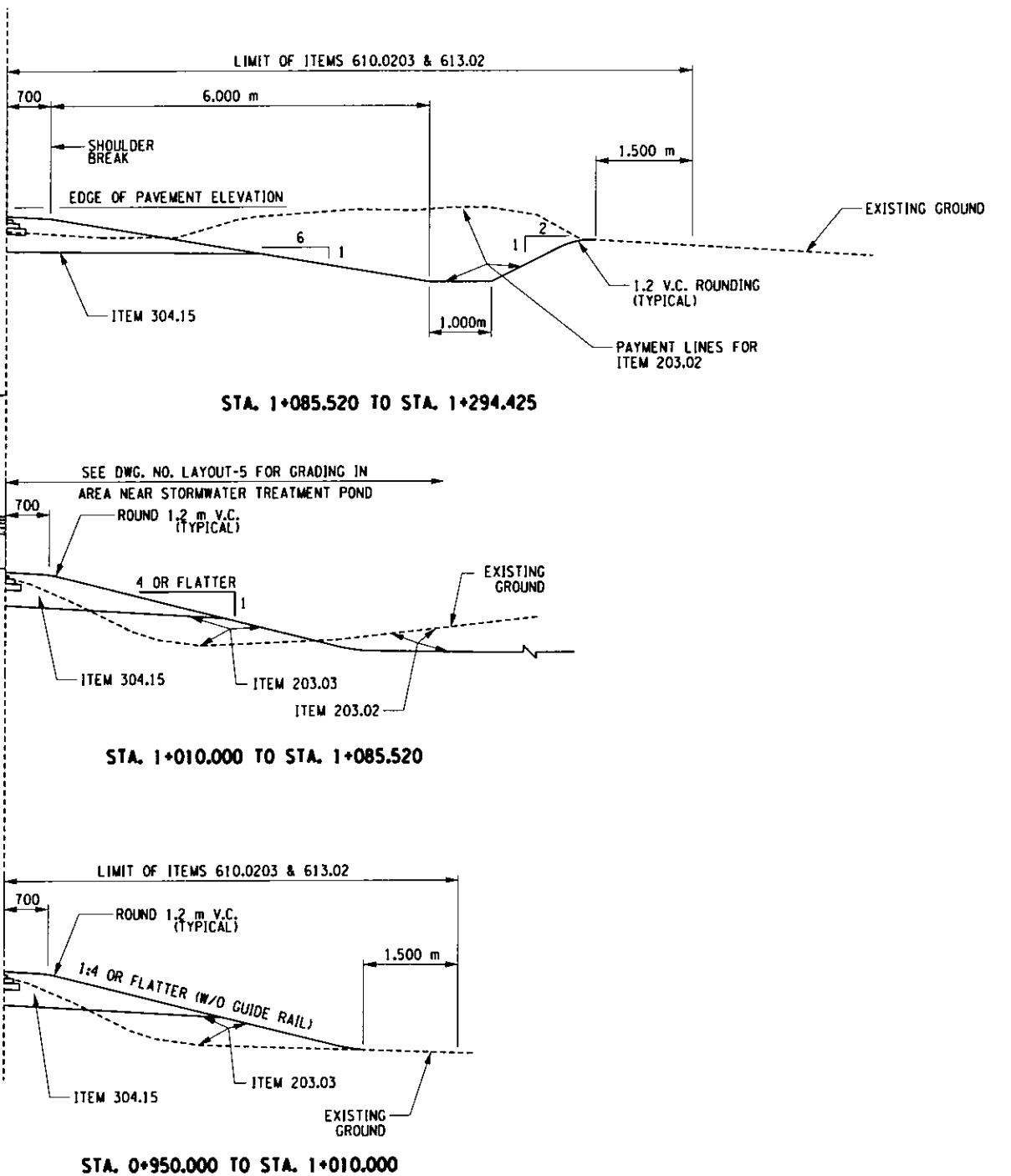
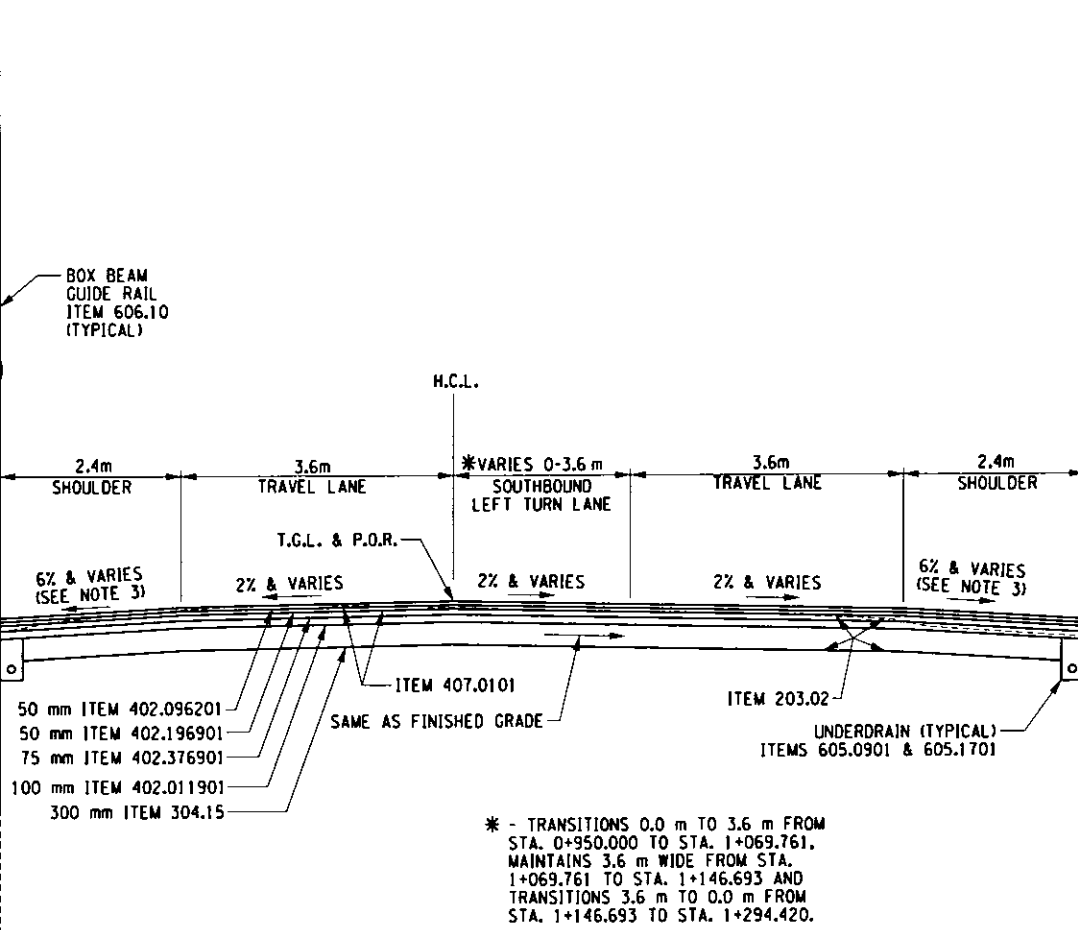
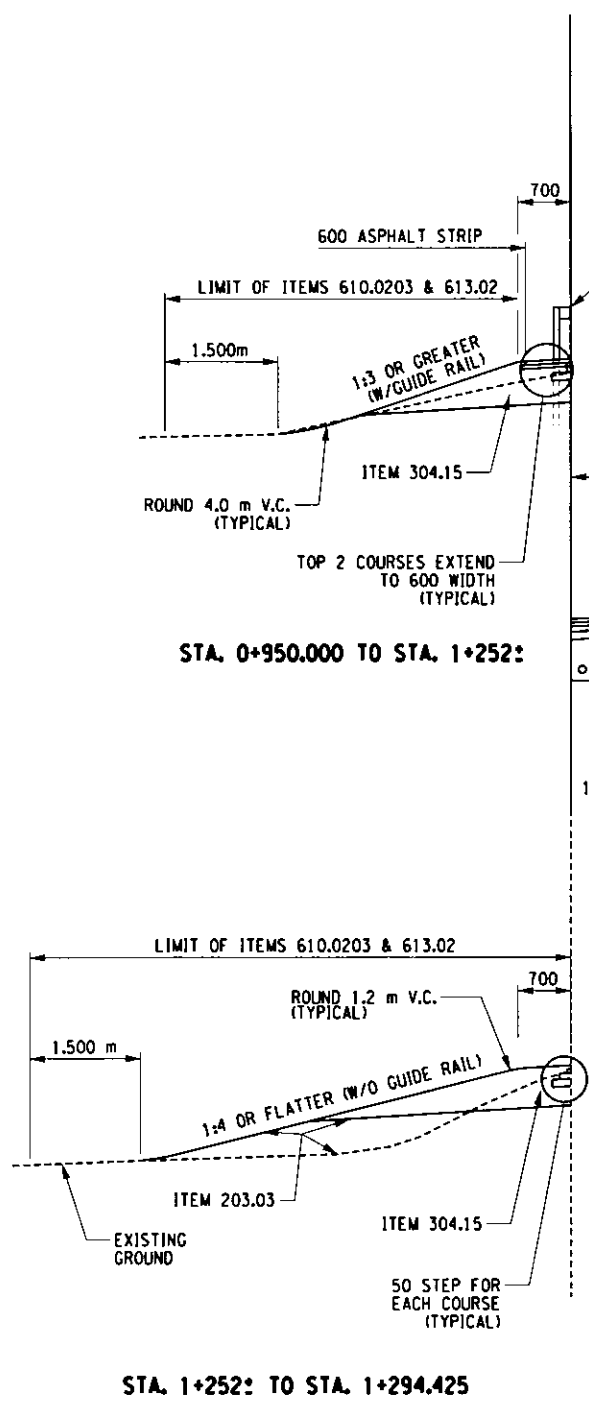
ALTERED BY:
ON:

SIGNATURE _____ DATE _____

| | | | | | | |
|--|---|---|---------|---------------------|--|----------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED | CONTRACT NUMBER D261326 |
| | | | | | DELTA ENGINEERS, ARCHITECTS, & LAND SURVEYORS | |
| | | | | | ROUTES 30/30A INTERSECTION TYPICAL SECTIONS ROUTE 30 NORTH OF ROUTE 30A S.H. 9298 | |
| | | | | | DRAWING NO. TS-3 SHEET NO. 5 | |
| NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | | | |

DOCUMENT NAME: 912505A.cph.typ.03.dgn

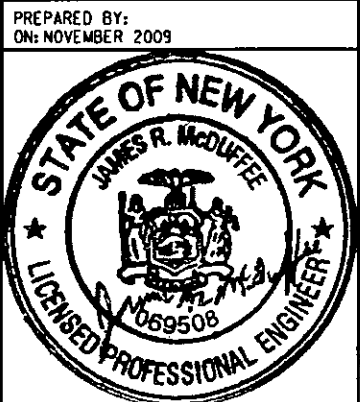
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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: JRM
 DRAFTED BY: CJM/JRM



| ITEM | DESCRIPTION | UNIT | ITEM | DESCRIPTION | UNIT |
|------------|--|------|------------|--|------|
| 203.02 | UNCLASSIFIED EXCAVATION AND DISPOSAL | CM | 402.376901 | 37.5mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT |
| 203.03 | EMBANKMENT IN PLACE | CM | 407.0101 | TACK COAT | L |
| 304.15 | SUBBASE COURSE, OPTIONAL TYPE | CM | 605.0901 | UNDERDRAIN FILTER TYPE 1 | CM |
| 402.011901 | TYPE 2 F9, ASPHALT TREATED PERMEABLE BASE COURSE | MT | 605.1701 | OPTIONAL UNDERDRAIN PIPE | M |
| 402.096201 | 9.5mm F2, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 606.10 | BOX BEAM GUIDE RAILING | M |
| 402.196901 | 19mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 610.0203 | ESTABLISHING TURF | SQM |
| | | | 613.02 | PLACING TOPSOIL - TYPE A | SQM |

NOTES:

- ITEM 407.0101 - TACK COAT SHALL BE APPLIED BETWEEN EACH LIFT OF ASPHALT PAVEMENT.
- SEE DWG. NO. MD-1 FOR UNDERDRAIN & TIP-UP CUTTER DETAILS.
- THE CROSS SLOPE OF THE SHOULDER ON THE OUTSIDE OF THE CURVE SHALL VARY FROM 2% TO 6% AWAY FROM THE PAVEMENT. THE ALGEBRAIC DIFFERENCE IN PAVEMENT & SHOULDER CROSS SLOPES SHALL NOT EXCEED 8%.
- REFER TO DWG. NO. MST-6 FOR AREAS TO RECEIVE TOPSOIL.
- REFER TO DWG. NO.'S PRO-6 & PRO-7 FOR SUPERELEVATION AND TRANSITION DATA.



PREPARED BY:
 ON: NOVEMBER 2009
 ALTERED BY:
 ON:

AS BUILT REVISIONS
 DESCRIPTION OF WORK:
 SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/ 30A & 30/443
 SH - 5444, 5086, 5195, 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED
ROUTES 30/443 INTERSECTION
TYPICAL SECTIONS
 ROUTE 30 @ ROUTE 443
 S.H. 5444 & 5086

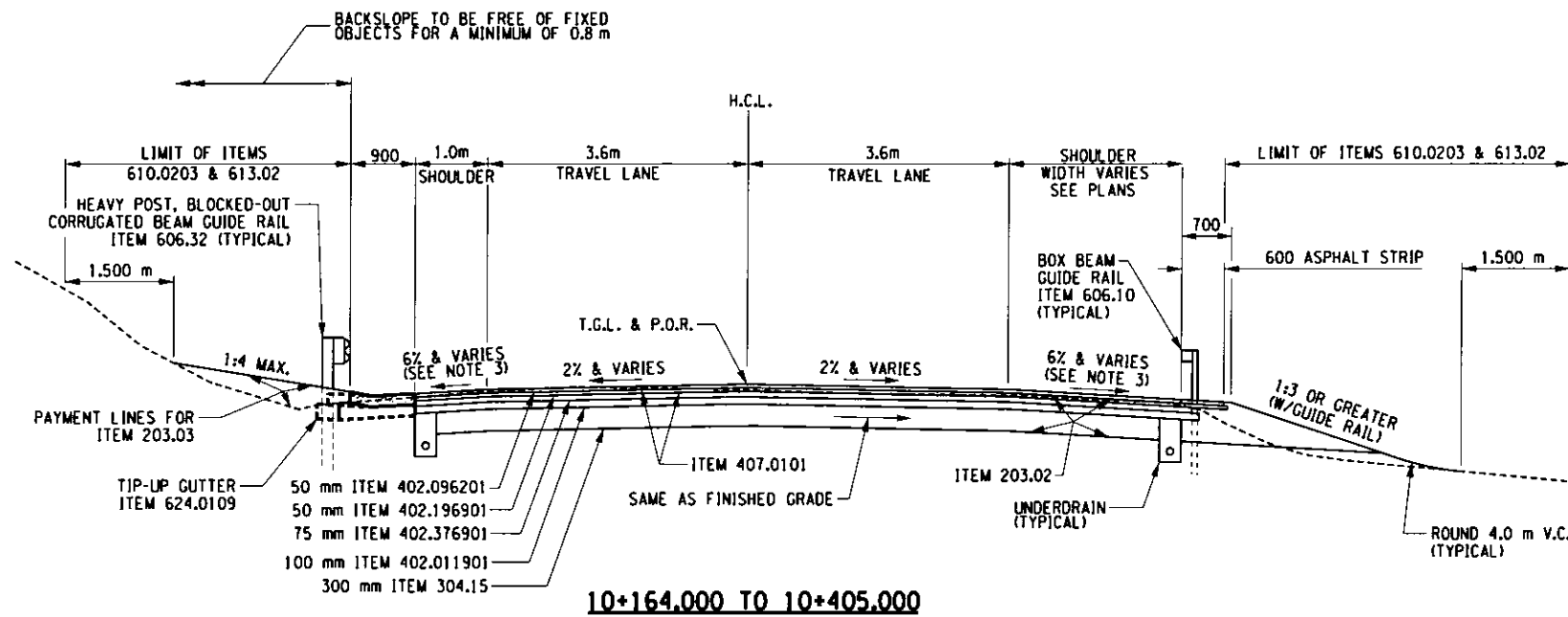
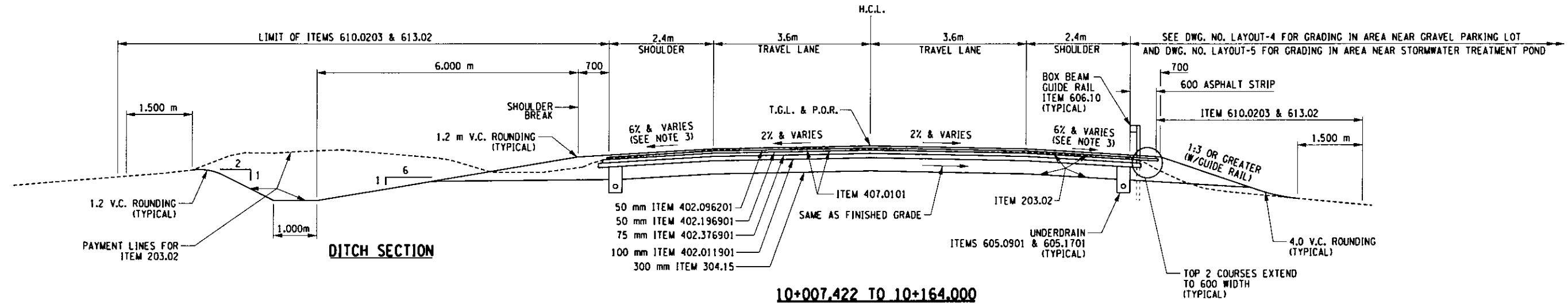
CONTRACT NUMBER 0261326
 DRAWING NO. TS-4
 SHEET NO. 6



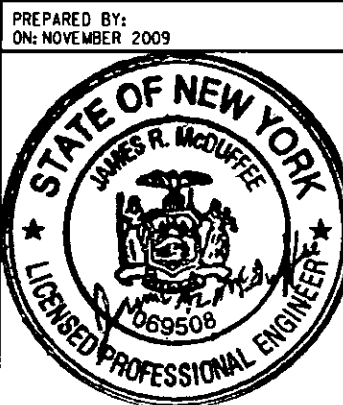
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IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER ARCHITECT OR LAND SURVEYOR IS ALTERED, THE ALTERING ARCHITECT, LANDSCAPE ARCHITECT, ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DESIGN SUPERVISOR: JRM CHECKED BY: JRM ESTIMATED BY: JRM DRAFTED BY: CJM/JRM CHECKED BY: CJM/JRM



| ITEM | DESCRIPTION | UNIT | ITEM | DESCRIPTION | UNIT | NOTES: |
|------------|--|------|----------|--|------|---|
| 203.02 | UNCLASSIFIED EXCAVATION AND DISPOSAL | CM | 407.0101 | TACK COAT | L | 1. ITEM 407.0101 - TACK COAT SHALL BE APPLIED BETWEEN EACH LIFT OF ASPHALT PAVEMENT. 2. SEE DWG. NO. MD-1 FOR UNDERDRAIN & TIP-UP GUTTER DETAILS. 3. THE CROSS SLOPE OF THE SHOULDER ON THE OUTSIDE OF THE CURVE SHALL VARY FROM 2% TO 6% AWAY FROM THE PAVEMENT. THE ALGEBRAIC DIFFERENCE IN PAVEMENT & SHOULDER CROSS SLOPES SHALL NOT EXCEED 8%. 4. REFER TO DWG. NO. MST-6 FOR AREAS TO RECEIVE TOPSOIL. 5. REFER TO DWG. NO.'S PRO-8 & PRO-9 FOR SUPERELEVATION AND TRANSITION DATA. |
| 203.03 | EMBANKMENT IN PLACE | CM | 605.0901 | UNDERDRAIN FILTER TYPE 1 | CM | |
| 206.02 | TRENCH AND CULVERT EXCAVATION | CM | 605.1701 | OPTIONAL UNDERDRAIN PIPE | M | |
| 207.20 | GEOTEXTILE BEDDING, CLASS II TYPE B | SQM | 606.10 | BOX BEAM GUIDE RAILING | M | |
| 304.15 | SUBBASE COURSE, OPTIONAL TYPE | CM | 606.32 | HEAVY POST, BLOCKED OUT, CORRUGATED GUIDE RAIL | M | |
| 402.011901 | TYPE 2 F9, ASPHALT TREATED PERMEABLE BASE COURSE | MT | 610.0203 | ESTABLISHING TURF | SQM | |
| 402.096201 | 9.5mm F2, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 613.02 | PLACING TOPSOIL - TYPE A | CM | |
| 402.196901 | 19mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 620.04 | STONE FILLING (MEDIUM) | CM | |
| 402.376901 | 37.5mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 624.0109 | TYPE BB CONCRETE GUTTER | SQM | |



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
NYS ROUTES 30/ 30A & 30/443
SH - 5444, 5086, 5195, 9298
TOWN OF SCHOHARIE
COUNTY: SCHOHARIE COUNTY

PIN: 9125.05
PS&E DATE: NOVEMBER 5, 2009

BRIDGES: _____
CULVERTS: C960062

ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED

ROUTES 30/443 INTERSECTION
TYPICAL SECTIONS
ROUTE 443
S.H. 5086

CONTRACT NUMBER: D261326
DRAWING NO. TS-5
SHEET NO. 7



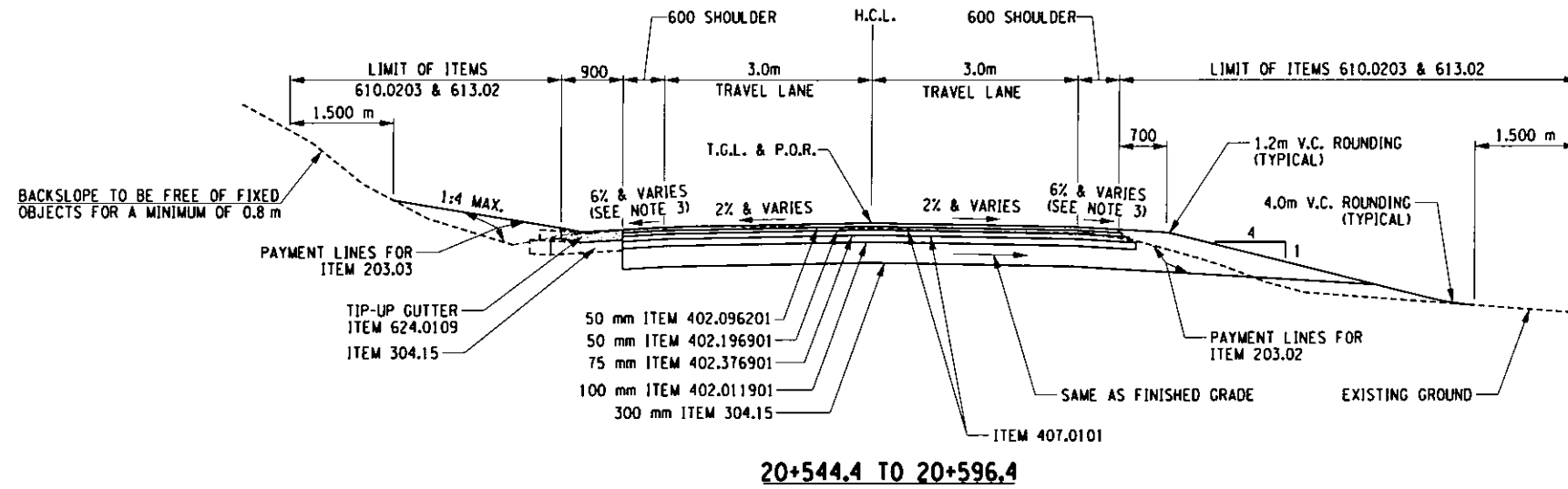
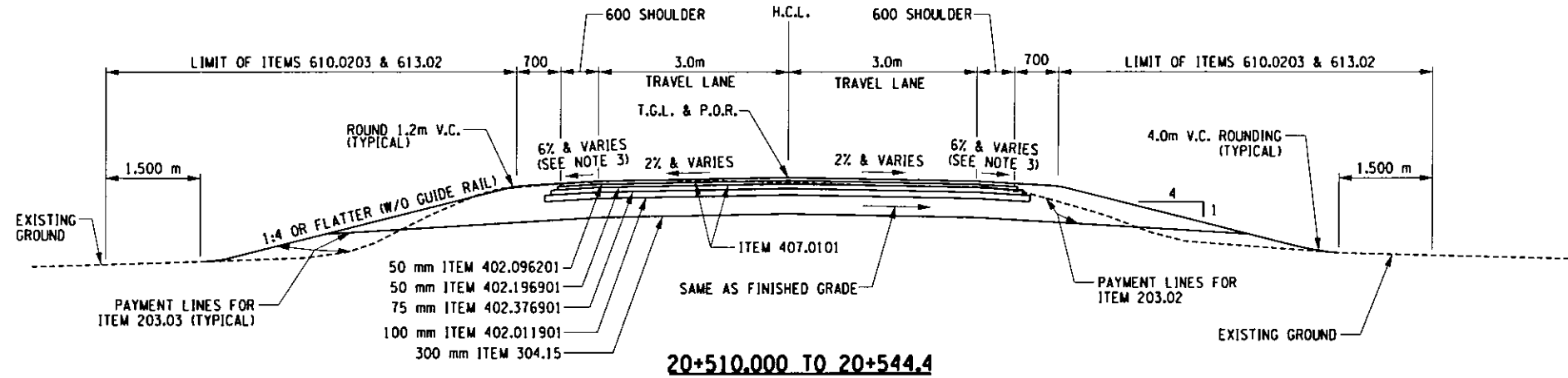
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NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

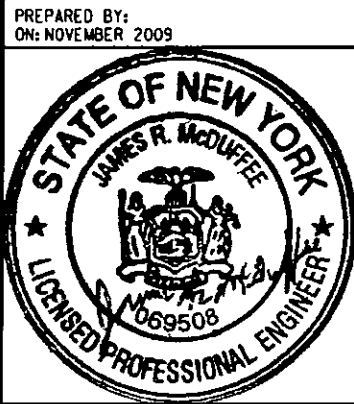
FILE NAME = T:\1997\1997184.003 NY Route 30 Intersections\Highway\typical\912505B.cph.typ.06.dgn

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR IS ALTERED, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, SHALL BE STAMPED ON THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DESIGNED BY: JRM CHECKED BY: JRM ESTIMATED BY: JRM DRAFTED BY: JLM CHECKED BY: CJM/JRM



| ITEM | DESCRIPTION | UNIT | ITEM | DESCRIPTION | UNIT | NOTES: |
|------------|--|------|------------|--|------|--|
| 203.02 | UNCLASSIFIED EXCAVATION AND DISPOSAL | CM | 402.376901 | 37.5mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 1. ITEM 407.0101 - TACK COAT SHALL BE APPLIED BETWEEN EACH LIFT OF ASPHALT PAVEMENT. 2. SEE DWG. NO. MD-1 FOR UNDERDRAIN & TIP-UP GUTTER DETAILS. 3. THE CROSS SLOPE OF THE SHOULDER ON THE OUTSIDE OF THE CURVE SHALL VARY FROM 2% TO 6% AWAY FROM THE PAVEMENT. THE ALGEBRAIC DIFFERENCE IN PAVEMENT & SHOULDER CROSS SLOPES SHALL NOT EXCEED 8%. 4. REFER TO DWG. NO. MST-6 FOR AREAS TO RECEIVE TOPSOIL. 5. REFER TO DWG. NO. PRO-10 FOR SUPERELEVATION AND TRANSITION DATA. |
| 203.03 | EMBANKMENT IN PLACE | CM | 407.0101 | TACK COAT | L | |
| 304.15 | SUBBASE COURSE, OPTIONAL TYPE | CM | 610.0203 | ESTABLISHING TURF | SQM | |
| 402.011901 | TYPE 2 F9, ASPHALT TREATED PERMEABLE BASE COURSE | MT | 613.02 | PLACING TOPSOIL - TYPE A | CM | |
| 402.096201 | 9.5mm F2, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 624.0109 | TYPE BB CONCRETE GUTTER | SQM | |
| 402.196901 | 19mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | | | | |



PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:

AS BUILT REVISIONS DESCRIPTION OF WORK:
 SIGNATURE _____ DATE _____

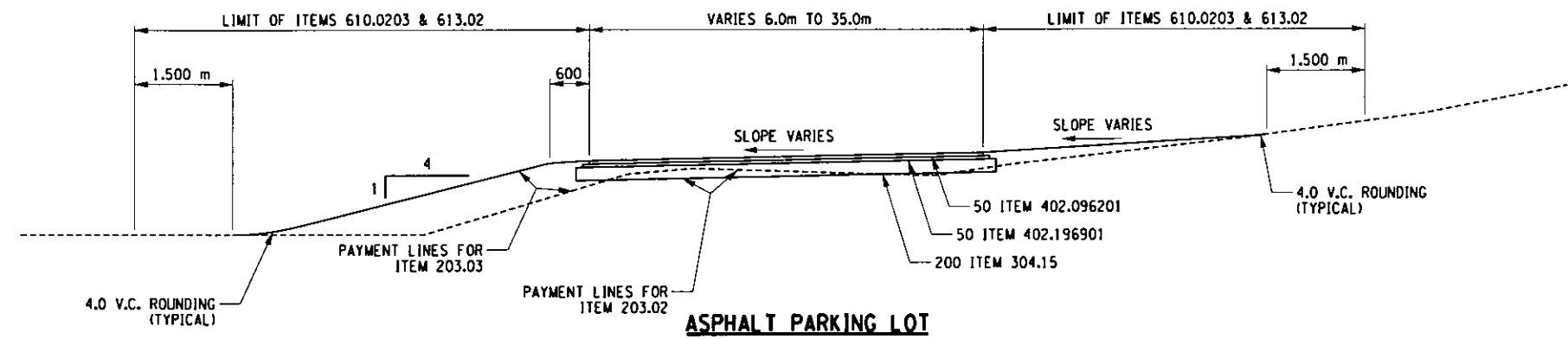
HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/ 30A & 30/443
 SH - 5444, 5086, 5195, 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009
 BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED
ROUTES 30/443 INTERSECTION TYPICAL SECTIONS
 VROOMAN CROSS ROAD
 CONTRACT NUMBER D261326
 DRAWING NO. TS-6
 SHEET NO. 8

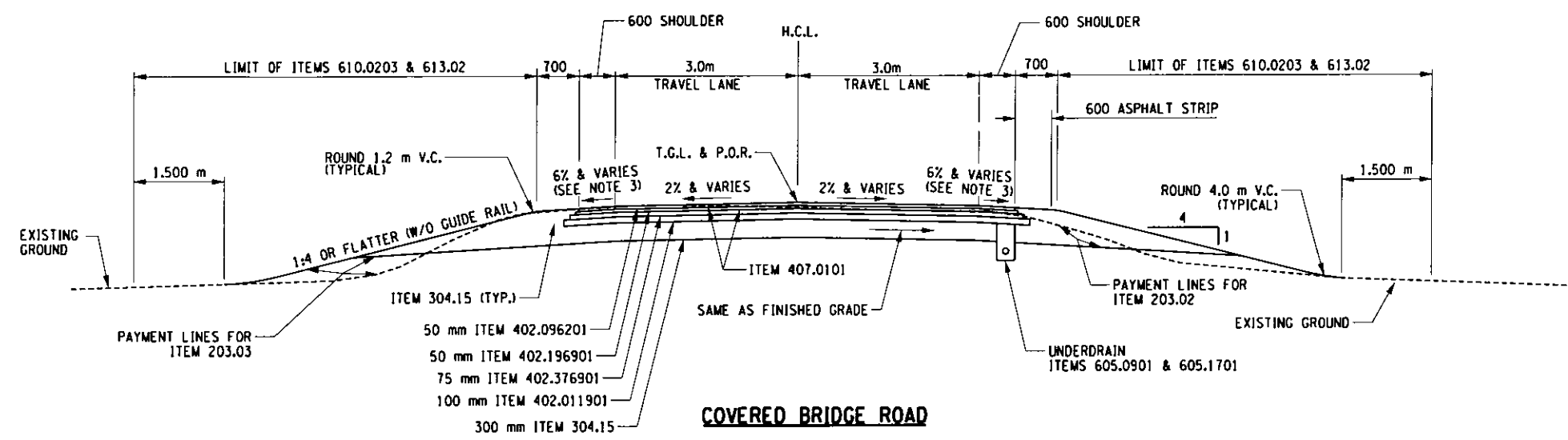


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 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 USER = jeeaver
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: JRM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM



ASPHALT PARKING LOT

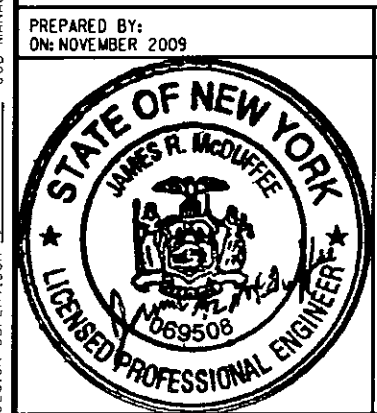
SEE DWG. NO. LAYOUT-4 FOR ADDITIONAL INFORMATION



COVERED BRIDGE ROAD

| ITEM | DESCRIPTION | UNIT | ITEM | DESCRIPTION | UNIT |
|------------|--|------|------------|--|------|
| 203.02 | UNCLASSIFIED EXCAVATION AND DISPOSAL | CM | 402.376901 | 37.5mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT |
| 203.03 | EMBANKMENT IN PLACE | CM | 407.0101 | TACK COAT | L |
| 304.15 | SUBBASE COURSE, OPTIONAL TYPE | CM | 605.0901 | UNDERDRAIN FILTER TYPE 1 | CM |
| 402.011901 | TYPE 2 F9, ASPHALT TREATED PERMEABLE BASE COURSE | MT | 605.1701 | OPTIONAL UNDERDRAIN PIPE | CM |
| 402.096201 | 9.5mm F2, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 610.0203 | ESTABLISHING TURF | M |
| 402.196901 | 19mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 613.02 | PLACING TOPSOIL - TYPE A | SQM |

- NOTES:**
- ITEM 407.0101 - TACK COAT SHALL BE APPLIED BETWEEN EACH LIFT OF ASPHALT PAVEMENT.
 - SEE DWG. NO. MD-1 FOR UNDERDRAIN DETAIL.
 - THE CROSS SLOPE OF THE SHOULDER ON THE OUTSIDE OF THE CURVE SHALL VARY FROM 2% TO 6% AWAY FROM THE PAVEMENT. THE ALGEBRAIC DIFFERENCE IN PAVEMENT & SHOULDER CROSS SLOPES SHALL NOT EXCEED 8%.
 - REFER TO DWG. NO. MST-6 FOR AREAS TO RECEIVE TOPSOIL.
 - REFER TO DWG. NO. PRO-10 FOR SUPERELEVATION AND TRANSITION DATA.



PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:

AS BUILT REVISIONS DESCRIPTION OF WORK:
 SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/ 30A & 30/443
 SH - 5444, 5086, 5195, 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED
ROUTES 30/443 INTERSECTION
TYPICAL SECTIONS
COVERED BRIDGE ROAD & ASPHALT PARKING LOT

CONTRACT NUMBER D261326
 DRAWING NO. TS-7
 SHEET NO. 9



FILE NAME = 912505EST_01.DGN
 DATE/TIME = 27-JAN-2010 14:07
 USER = tcooper

DESIGN SUPERVISOR
 JOB MANAGER
 DESIGNED BY
 CHECKED BY
 ESTIMATED BY
 DRAFTED BY
 CHECKED BY

| ESTIMATE OF QUANTITIES | | | |
|------------------------|--|----------------|----------|
| ITEM NUMBER | DESCRIPTION | UNIT | QUANTITY |
| 201.06 M | CLEARING AND GRUBBING | LS | 1.0 |
| 202.19 M | REMOVAL OF SUBSTRUCTURES | m ³ | 75.0 |
| 203.02 M | UNCLASSIFIED EXCAVATION AND DISPOSAL | m ³ | 47700.0 |
| 203.03 M | EMBANKMENT IN PLACE | m ³ | 17400.0 |
| 203.07 M | SELECT GRANULAR FILL | m ³ | 1915.0 |
| 203.1601 M | APPLYING WATER | PDD | 40.0 |
| 206.01 M | STRUCTURE EXCAVATION | m ³ | 1240.0 |
| 206.02 M | TRENCH AND CULVERT EXCAVATION | m ³ | 6000.0 |
| 206.04 M | TRENCH AND CULVERT EXCAVATION - O.G. | m ³ | 2300.0 |
| 207.20 M | GEOTEXTILE BEDDING | m ² | 2400.0 |
| 207.26 M | PREFABRICATED COMPOSITE STRUCTURAL DRAIN | m ² | 140.0 |
| 209.1003 M | SEED AND MULCH - TEMPORARY | m ² | 11000.0 |
| 209.110102 M | CHECK DAM (DITCH BOTTOM WIDTH > 1.0 TO 2.0 M), STONE-TEMPORARY | EA | 34.0 |
| 209.13 M | SILT FENCE-TEMPORARY | m | 3450.0 |
| 209.1501 24 M | TURBIDITY CURTAIN | m | 13.0 |
| 209.1701 M | DRAINAGE STRUCTURE INLET PROTECTION, SILT FENCE - TEMPORARY | m | 45.0 |
| 209.1702 M | DRAINAGE STRUCTURE INLET PROTECTION, GRAVEL BEG - TEMPORARY | m ³ | 13.0 |
| 209.190201 M | ROLLED EROSION CONTROL PRODUCT, CLASS II TYPE B, INTERMEDIATE | m ² | 5720.0 |
| 209.22 M | CONSTRUCTION ENTRANCE | m ² | 650.0 |
| 304.15 M | SUBBASE COURSE, OPTIONAL TYPE | m ³ | 7600.0 |
| 402.011901 M | TYPE 2 F9, ASPHALT-TREATED PERMEABLE BASE COURSE | + | 6200.0 |
| 402.011911 M | PLANT PRODUCTION ADJUSTMENT TO 402.011901 | QU | 1.0 |
| 402.096201 M | 9.5MM F2 SUPERPAVE HMA, 60 SERIES COMPACTION | + | 3000.0 |
| 402.096211 M | PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.096201 M | QU | 1.0 |
| 402.196901 M | 19MM F9 SUPERPAVE HMA, 60 SERIES COMPACTION | + | 3000.0 |
| 402.196911 M | PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.196901 | QU | 1.0 |
| 402.258901 M | 25MM F9 SUPERPAVE HMA, 80 SERIES COMPACTION | + | 560.0 |
| 402.258911 M | PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.258901 M | QU | 1.0 |
| 402.376901 M | 37.5MM F9 SUPERPAVE HMA, 60 SERIES COMPACTION | + | 4400.0 |
| 402.376911 M | PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.376901 M | QU | 1.0 |

| ESTIMATE OF QUANTITIES | | | |
|------------------------|--|----------------|----------|
| ITEM NUMBER | DESCRIPTION | UNIT | QUANTITY |
| 407.0101 M | TACK COAT | L | 13800.0 |
| 411.01 M | STABILIZED GRAVEL SURFACE COURSE | m ³ | 110.0 |
| 490.30 M | MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE | m ² | 1510.0 |
| 520.5014 08 M | SAW CUTTING, ASPHALT PAVEMENT, ASPHALT SURFACE COURSE, CONCRETE PAVEMENT OR ASPHALT OVERLAY ON CONCRETE PAVEMENT | m | 380.0 |
| 552.16 M | EXCAVATION PROTECTION SYSTEM | m ² | 43.0 |
| 553.030001 M | TEMPORARY WATERWAY DIVERSION STRUCTURE | EA | 1.0 |
| 555.09 M | CONCRETE FOR STRUCTURES, CLASS HP | m ³ | 6.0 |
| 556.0202 M | EPOXY-COATED BAR REINFORCEMENT FOR STRUCTURES | kg | 387.0 |
| 595.50 18 M | SHEET-APPLIED WATERPROOFING MEMBRANE | m ² | 94.0 |
| 603.6003 M | REINFORCED CONCRETE PIPE CLASS III, 450 MILLIMETER DIAMETER | m | 20.2 |
| 603.6005 M | REINFORCED CONCRETE PIPE CLASS III, 600 MILLIMETER DIAMETER | m | 1197.6 |
| 603.6006 M | REINFORCED CONCRETE PIPE CLASS III, 675 MILLIMETER DIAMETER | m | 39.6 |
| 603.6007 M | REINFORCED CONCRETE PIPE CLASS III, 750 MILLIMETER DIAMETER | m | 186.0 |
| 603.6009 M | REINFORCED CONCRETE PIPE CLASS III, 900 MILLIMETER DIAMETER | m | 30.0 |
| 603.64502515 M | PRECAST CONCRETE BOX CULVERT (FILL HEIGHT 0.6 M OR GREATER) | m | 29.4 |
| 603.67 01 M | PRECAST CONCRETE WINGWALL UNITS FOR BOX CULVERTS | m ² | 57.0 |
| 603.6705 M | REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE, CLASS HE III 670 MILLIMETER RISE, 1055 MILLIMETER SPAN | m | 10.8 |
| 603.6705 08 M | REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE ENDSECTION, CLASS HE III 670 MM RISE X 1055 MM SPAN | EA | 2.0 |
| 603.6708 M | REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE, CLASS HE III, 855 MILLIMETER RISE, 1345 MILLIMETER SPAN | m | 51.6 |
| 603.6708 08 M | REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE ENDSECTION, CLASS HE III 855 MM RISE X 1345 MM SPAN | EA | 1.0 |
| 603.6709 M | REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE, CLASS HE III, 975 MILLIMETER RISE, 1535 MILLIMETER SPAN | m | 39.6 |
| 603.6709 08 M | REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE ENDSECTION, CLASS HE III 975 MM RISE X 1535 MM SPAN | EA | 2.0 |
| 603.7303 M | REINFORCED CONCRETE PIPE END SECTIONS 450 MILLIMETER DIAMETER | EA | 3.0 |
| 603.7305 M | REINFORCED CONCRETE PIPE END SECTIONS 600 MILLIMETER DIAMETER | EA | 6.0 |
| 603.7306 M | REINFORCED CONCRETE PIPE END SECTIONS 675 MILLIMETER DIAMETER | EA | 1.0 |
| 603.7307 M | REINFORCED CONCRETE PIPE END SECTIONS 750 MILLIMETER DIAMETER | EA | 2.0 |
| 603.7309 M | REINFORCED CONCRETE PIPE END SECTIONS 900 MILLIMETER DIAMETER | EA | 3.0 |
| 603.9923 08 M | POLYVINYL CHLORIDE PIPE, SANITARY SEWER, GRAVITY 200 MM | m | 50.0 |
| 604.300606 M | RECTANGULAR DRAINAGE STRUCTURE TYPE F FOR #6 WELDED FRAME | m | 23.5 |
| 604.300611 M | RECTANGULAR DRAINAGE STRUCTURE TYPE F FOR #11 WELDED FRAME | m | 9.2 |

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|--|----------------------------------|-------------------|---------|----------|--|---|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 9125.05 | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A AND 30/443 | | | | | D261326 |
| | TOWN OF SCHOHARIE | PS&E DATE 1/27/10 | | | | DRAWING NO. EQ-1 |
| SIGNATURE _____ | DATE _____ | COUNTY: SCHOHARIE | | | | SHEET NO. 10 |
| DOCUMENT NAME: 912505EST_01.DGN | | | | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 09 |

FILE NAME = 912505EST_02.DGN
 DATE/TIME = 27-JAN-2010 14:08
 USER = tcooper

DESIGN SUPERVISOR
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| ESTIMATE OF QUANTITIES | | | |
|------------------------|--|----------------|----------|
| ITEM NUMBER | DESCRIPTION | UNIT | QUANTITY |
| 604.300706 M | RECTANGULAR DRAINAGE STRUCTURE TYPE G FOR #6 WELDED FRAME | m | 6.2 |
| 604.300711 M | RECTANGULAR DRAINAGE STRUCTURE TYPE G FOR #11 WELDED FRAME | m | 2.0 |
| 604.301111 M | RECTANGULAR DRAINAGE STRUCTURE TYPE K FOR #11 WELDED FRAME | m | 3.2 |
| 604.301122 M | RECTANGULAR DRAINAGE STRUCTURE TYPE K FOR #22 WELDED FRAME | m | 3.0 |
| 604.301211 M | RECTANGULAR DRAINAGE STRUCTURE TYPE L FOR #11 WELDED FRAME | m | 3.0 |
| 604.301222 M | RECTANGULAR DRAINAGE STRUCTURE TYPE L FOR #22 WELDED FRAME | m | 7.0 |
| 604.4048 M | ROUND PRECAST CONCRETE MANHOLE TYPE 48 | m | 10.6 |
| 604.4072 M | ROUND PRECAST CONCRETE MANHOLE TYPE 72 | m | 3.1 |
| 605.0901 M | UNDERDRAIN FILTER TYPE 1 | m ³ | 650.0 |
| 605.1701 M | OPTIONAL UNDERDRAIN PIPE, 100 MILLIMETER DIAMETER | m | 3760.0 |
| 605.2101 08 M | PRECAST CONCRETE HEADWALLS FOR 100MM OUTLET PIPES | EA | 35.0 |
| 606.10 M | BOX BEAM GUIDE RAILING | m | 1113.1 |
| 606.100001 M | BOX BEAM GUIDE RAILING (SHOP CURVED) | m | 206.2 |
| 606.1201 M | BOX BEAM GUIDE RAIL END ASSEMBLY, TYPE I | EA | 7.0 |
| 606.1202 M | BOX BEAM GUIDE RAIL END ASSEMBLY, TYPE II | EA | 15.0 |
| 606.1203 M | BOX BEAM END ASSEMBLY, TYPE III | EA | 2.0 |
| 606.23 M | ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING (DRIVEWAYS, WALKWAYS, AND OTHER OPENINGS) | EA | 2.0 |
| 606.32 M | HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING | m | 10.5 |
| 606.70 M | REMOVING AND DISPOSING CABLE GUIDE RAILING | m | 370.0 |
| 606.73 M | REMOVING AND DISPOSING BOX BEAM GUIDE RAILING | m | 516.0 |
| 607.95 08 M | REMOVE AND STORE EXISTING FENCE | m | 24.0 |
| 608.020101 M | ASPHALT CONCRETE SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS | † | 215.0 |
| 610.0203 M | ESTABLISHING TURF | m ² | 42650.0 |
| 610.02030106 M | WETLAND SEEDING | m ² | 1378.0 |
| 611.010145 M | PLANTING MAJOR DECIDUOUS TREE SPECIES (SEE CONTRACT DOCUMENTS) 45 MM CALIPER B&B, NURSERY GROWN, SPRING PLANTING | EA | 48.0 |
| 611.010164 M | PLANTING MAJOR DECIDUOUS TREE SPECIES (SEE CONTRACT DOCUMENTS) 60 MM CALIPER BALLED AND BURLAPPED, NURSERY GROWN | EA | 50.0 |
| 611.010165 M | PLANTING MAJOR DECIDUOUS TREE SPECIES (SEE CONTRACT DOCUMENTS) 60 MM CALIPER B&B, NURSERY GROWN, SPRING PLANTING | EA | 32.0 |
| 611.020164 M | PLANTING MINOR DECIDUOUS TREE SPECIES (SEE CONTRACT DOCUMENTS) 25 MM CALIPER B&B, NURSERY GROWN, SPRING PLANTING | EA | 36.0 |
| 611.030154 M | PLANTING CONIFEROUS TREE SPECIES (SEE CONTRACT DOCUMENTS) 1.50 METER HEIGHT B&B, NURSERY GROWN, SPRING PLANTING | EA | 60.0 |
| 611.030164 M | PLANTING CONIFEROUS TREE SPECIES (SEE CONTRACT DOCUMENTS) 1.80 METER HEIGHT B&B, NURSERY GROWN, SPRING PLANTING | EA | 21.0 |

| ESTIMATE OF QUANTITIES | | | |
|------------------------|--|----------------|----------|
| ITEM NUMBER | DESCRIPTION | UNIT | QUANTITY |
| 611.040141 M | PLANTING DECIDUOUS SHRUBS SPECIES, SEE CONTRACT DOCUMENTS, 0.60 M HEIGHT/SPREAD, BARE ROOT | EA | 3100.0 |
| 611.040142 M | PLANTING DECIDUOUS SHRUB SPECIES (SEE CONTRACT DOCUMENTS) 0.60 METER HEIGHT/SPREAD BALLED & BURLAPPED | EA | 125.0 |
| 611.040143 M | PLANTING DECIDUOUS SHRUB SPECIES (SEE CONTRACT DOCUMENTS) 0.60 METER HEIGHT/SPREAD CONTAINER/POT | EA | 430.0 |
| 611.050152 M | PLANTING EVERGREEN SHRUBS SPECIES, SEE CONTRACT DOCUMENTS, 0.8 M HEIGHT/SPREAD, POT OR CONTAINER GROWN | EA | 57.0 |
| 611.070142 M | PLANTING SPECIAL PLANT MATERIALS, SEE CONTRACT DOCUMENTS, 150 MM, BARE ROOT | EA | 900.0 |
| 611.070161 M | PLANTING SPECIAL PLANT MATERIAL (SEE CONTRACT DOCUMENTS) 300 MILLIMETER CONTAINER GROWN | EA | 70.0 |
| 612.0501 11 M | COIR LOG (NYCDPR) | m | 80.0 |
| 613.02 M | PLACING TOPSOIL-TYPE A | m ³ | 3870.0 |
| 614.0314 M | TREE REMOVAL UP TO 150 MM DIAM. BREAST HIGH STUMP GRUBBED | EA | 1.0 |
| 614.0324 M | TREE REMOVAL OVER 150 MM TO 300 MM DIAM. BREAST HIGH STUMP GRUBBED | EA | 22.0 |
| 614.0334 M | TREE REMOVAL OVER 300 MM TO 450 MM DIAM. BREAST HIGH STUMP GRUBBED | EA | 19.0 |
| 614.0344 M | TREE REMOVAL OVER 450 MM TO 600 MM DIAM. BREAST HIGH STUMP GRUBBED | EA | 11.0 |
| 614.0364 M | TREE REMOVAL OVER 900 MM TO 1200 MM DIA. BREAST HIGH STUMP GRUBBED | EA | 2.0 |
| 615.0402 08 M | TREE/VEGETATION PROTECTION BARRIER | m | 270.0 |
| 619.01 M | BASIC WORK ZONE TRAFFIC CONTROL | LS | 1.0 |
| 619.0601 M | TEMPORARY STRUCTURES AND APPROACHES NO 1 | EA | 1.0 |
| 619.0901 M | TEMPORARY PAVEMENT MARKINGS STRIPES (TRAFFIC PAINT) | m | 1160.0 |
| 619.1701 M | TEMPORARY CONCRETE BARRIER, (UNPINNED) | m | 480.0 |
| 619.21 M | TEMPORARY SAND BARREL MODULE | EA | 70.0 |
| 619.27 M | MAILBOXES | EA | 8.0 |
| 620.04 M | STONE FILLING (MEDIUM) | m ³ | 920.0 |
| 620.05 M | STONE FILLING (HEAVY) | m ³ | 210.0 |
| 620.2911 09 M | NEW (IMPORTED) STREAM BED MATERIAL (B) | m ³ | 120.0 |
| 623.12 M | CRUSHED STONE, (IN-PLACE MEASURE) | m ³ | 225.0 |
| 624.0109 M | CONVENTIONALLY FORMED OR MACHINE FORMED CONCRETE GUTTERS TYPE BB | m ² | 990.0 |
| 625.01 M | SURVEY OPERATIONS | LS | 1.0 |
| 625.03 M | CONCRETE RIGHT-OF-WAY-MARKERS TYPE H (HIGH) | EA | 31.0 |
| 625.04 M | CONCRETE RIGHT-OF-WAY MARKER TYPE L (LOW) | EA | 37.0 |
| 625.05 M | STEEL PIN AND CAP RIGHT-OF-WAY MARKER | EA | 81.0 |
| 625.06 M | PERMANENT SURVEY MARKERS | EA | 10.0 |

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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 9125.05 | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A AND 30/443 | PS&E DATE 1/27/10 | | | | D261326 |
| | TOWN OF SCHOHARIE | | | | ESTIMATE OF QUANTITIES | |
| SIGNATURE _____ | DATE _____ | COUNTY: SCHOHARIE | | | DRAWING NO. EQ-2 SHEET NO. 11 | |
| DOCUMENT NAME: 912505EST_02.DGN | | | | | | |

FILE NAME = 912505EST_03.DGN
 DATE/TIME = 27-JAN-2010 14:09
 USER = tcooper

DESIGN SUPERVISOR _____ JOB MANAGER _____ DESIGNED BY _____ CHECKED BY _____ DRAFTED BY _____ CHECKED BY _____

| ESTIMATE OF QUANTITIES | | | |
|------------------------|--|----------------|----------|
| ITEM NUMBER | DESCRIPTION | UNIT | QUANTITY |
| 637.01 M | LABORATORY BUILDING | EA | 1.0 |
| 637.03 M | CONCRETE CYLINDER CURING BOX | EA | 1.0 |
| 637.11 M | ENGINEER'S FIELD OFFICE - TYPE 1 | MNTH | 12.0 |
| 637.26 M | RAIN GAUGE | EA | 1.0 |
| 637.34 M | OFFICE TECHNOLOGY AND SUPPLIES | DC | 3000.0 |
| 640.10 M | WHITE PAINT REFLECTORIZED PAVEMENT STRIPES - 0.38 MM | m | 230.0 |
| 640.13 M | WHITE PAINT REFLECTORIZED PAVEMENT SYMBOLS - 0.38 MM | EA | 2.0 |
| 645.5102 M | GROUND-MOUNTED SIGN PANELS LESS THAN OR EQUAL TO 2.78 SM WITH Z-BARS | m ² | 65.0 |
| 645.81 M | TYPE A SIGN POSTS | EA | 107.0 |
| 646.0601 M | DELINEATOR, SINGLE UNIT, ONE WAY ON POST | EA | 74.0 |
| 646.0602 M | DELINEATOR, SINGLE UNIT, BACK TO BACK ON POST | EA | 35.0 |
| 646.0701 M | REFERENCE MARKER, 1.2 METER MOUNTING HEIGHT | EA | 12.0 |
| 646.0801 M | SNOWPLOWING MARKER, SINGLE UNIT | EA | 12.0 |
| 646.0802 M | SNOWPLOWING MARKER, DOUBLE UNIT | EA | 12.0 |
| 646.0803 M | SUPPLEMENTARY SNOWPLOWING MARKER | EA | 37.0 |
| 647.01 M | REMOVAL OF SIGNS - SIZE A (0.0-1.0 SQUARE METERS) | EA | 105.0 |
| 647.02 M | REMOVAL OF SIGNS - SIZE B (1.1 TO 2.0 SQUARE METERS) | EA | 6.0 |
| 647.03 M | REMOVAL OF SIGNS-SIZE C (2.1 TO 4.0 SQUARE METERS) | EA | 2.0 |
| 647.05 M | REMOVAL OF SIGNS-SIZE E (OVER 10.0 SQUARE METERS) | EA | 1.0 |
| 647.06 M | REMOVAL AND STORAGE OF SIGNS - SIZE A (0.0 - 1.0 SQ METERS) | EA | 1.0 |
| 647.18010108 M | RELOCATE COMMERCIAL SIGN | EA | 1.0 |
| 652.01 M | FURNISHING AND APPLYING CALCIUM CHLORIDE | † | 53.0 |
| 655.1106 M | WELDED FRAME AND RETICULINE GRATE 6 | EA | 16.0 |
| 655.1111 M | WELDED FRAME AND RETICULINE GRATE 11 | EA | 9.0 |
| 655.1122 M | WELDED FRAME AND RETICULINE GRATE 22 | EA | 6.0 |
| 655.1202 M | MANHOLE FRAME AND COVER | EA | 6.0 |
| 658.11 17 M | SEALING AN ABANDONED WATER WELL | m | 2.3 |
| 662.01 09 M | REESTABLISHING CABLE TV UNDERGROUND SERVICE TO CUSTOMERS | LS | 1.0 |
| 662.01000107 M | REESTABLISHING ELECTRICAL UNDERGROUND SERVICE TO CUSTOMERS | LS | 1.0 |
| 662.03000108 M | REESTABLISHING TELEPHONE UNDERGROUND SERVICE TO CUSTOMERS | LS | 1.0 |

| ESTIMATE OF QUANTITIES | | | |
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| ITEM NUMBER | DESCRIPTION | UNIT | QUANTITY |
| 662.60000108 M | FURNISHING ELECTRICAL SERVICE | DC | 850.0 |
| 670.9150 10 M | RELOCATE WOOD LIGHT POLE | EA | 1.0 |
| 685.11 M | WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 0.51MM | m | 4650.0 |
| 685.12 M | YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 0.51MM | m | 4600.0 |
| 685.13 M | WHITE EPOXY REFLECTORIZED PAVEMENT LETTERS - 0.51MM | EA | 28.0 |
| 685.14 M | WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 0.51MM | EA | 7.0 |
| 697.03 M | FIELD CHANGE PAYMENT | DC | 244000.0 |
| 698.04 M | ASPHALT PRICE ADJUSTMENT | DC | 100.0 |
| 698.05 M | FUEL PRICE ADJUSTMENT | DC | 100.0 |
| 698.06 M | STEEL/IRON PRICE ADJUSTMENT | DC | 100.0 |
| 699.040001 M | MOBILIZATION | LS | 1.0 |

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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 9125.05 | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A AND 30/443 | PS&E DATE 1/27/10 | | | | ESTIMATE OF QUANTITIES |
| | TOWN OF SCHOHARIE | COUNTY: SCHOHARIE | | | | DRAWING NO. EQ-3 SHEET NO. 12 |

DOCUMENT NAME: 912505EST_03.DGN

FILE NAME = T:\1997\1997104.003 NY Route 30 Intersections\Highway\912505.cph leg_01.dgn
 DATE/TIME = 11/25/2009 11:21:13 AM
 USER = saonyshgn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER ARCHITECT LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED THE ALTERNATION ARCHITECT LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR JRM JOB MANAGER JRM CHECKED BY JRM ESTIMATED BY JRM CHECKED BY JRM DRAFTED BY JRM CHECKED BY CJM/JRM

| ALIGNMENT | | | LANDSCAPE | | | UTILITIES | | | ROADWAY | | |
|----------------------|---------|-----------------------------|--------------------|---------|------------------------------------|----------------------------|----------|----------------------------------|------------------------|-----------------------------|------------------------------|
| STYLE | NAME | DESCRIPTION | STYLE | NAME | DESCRIPTION | STYLE | NAME | DESCRIPTION | STYLE | NAME | DESCRIPTION |
| | AC | CONTROL (CENTERLINE) | | LABL | AREA, BRUSH LINE | | UC | CONDUIT, UNDERGROUND | | RG | GUIDE RAIL, MISCELLANEOUS |
| | AD_P | DETOUR | | LAHR | AREA, HEDGE ROW | | UCH | CONDUIT, HANGING | | RGB | GUIDE RAIL, BOX BEAM |
| | AT_P | TRANSITION CONTROL | | LAPB | AREA, PLANTING BED | | UCO | CONDUIT, OVERHEAD | | RGBM | GUIDE RAIL, BOX BEAM, MEDIAN |
| BRIDGE | | | | LAWA | AREA, WOODED AREA OUTLINE | | UE | ELECTRIC LINE, UNDERGROUND | | RGC | GUIDE RAIL, CABLE |
| | BR | RAIL | | LAWE | AREA, WATERS EDGE | | UEH | ELECTRIC LINE, HANGING | | RGCB | GUIDE RAIL, CONCRETE BARRIER |
| | BSHT | SHEET PILING | | LCUT_P | CUT LIMIT | | UEO | ELECTRIC LINE, OVERHEAD | | RGP_P | GUIDE POST |
| CONTROL | | | | LFILL_P | FILL LIMIT | | UETO | ELECTRIC TRANSMISSION, OVERHEAD | | RCW | GUIDE RAIL, W BEAM |
| | CB | BASELINE | | LFNC | FENCE | | UESS | ELECTRIC, SUBSTATIONS | | RCWM | GUIDE RAIL, W BEAM, MEDIAN |
| | CBPR | BASELINE, PROJECTION | | LTRC | TREE ROW, CONIFEROUS | | UFO | FIBER OPTIC, UNDERGROUND | | RPB | PARKING BUMPER |
| DRAINAGE | | | | LTRD | TREE ROW, DECIDUOUS | | UFOO | FIBER OPTIC, OVERHEAD | | RRC | RAIL ROAD, CATENARY |
| | DCP | CULVERT PIPE | | LWH | WALL, H PILE | | UG | GAS, UNDERGROUND | | RRER | RAIL ROAD, 3RD RAIL |
| | DCP_P | CULVERT PIPE (DIR) | | LWR | WALL, RETAINING | | UGH | GAS, HANGING | | RRPLS_P | RAIL, PHOTO, LARGE SCALE |
| | DDG_P | DITCH, GRASS LINED | | LWS | WALL, STONE | | UGO | GAS, OVERHEAD | | RRPSS | RAIL, PHOTO, SMALL SCALE |
| | DDP_P | DITCH, PAVED INVERT | ROW MAPPING | | | | UIC | INFORM CABLE, UNDERGROUND | | RRS | RUMBLE STRIP |
| | DDS_P | DITCH, STONE LINED | | UICH | INFORM CABLE, HANGING | | UO | OIL LINE, UNDERGROUND | | RRSLS_P | RAIL, SURVEY, LARGE SCALE |
| | DFL_P | FLOW LINE | | UOH | OIL LINE, HANGING | | UPBP | POLE, BRACE, PUSH BRACE | | RRSSS | RAIL, SURVEY, SMALL SCALE |
| | DSSD | SLOTTED DRAIN | | MEE | EASEMENT, EXISTING | | UPBW | POLE, GUY WIRE | | STRIPING | |
| ENVIRONMENTAL | | | | MEP_P | EASEMENT, PERMANENT | | USA | SANITARY SEWER, UNDERGROUND | | STB* | BROKEN LINE |
| | EBLHS | BALE, HAY/STRAW | | MEPA_P | EASEMENT, PERMANENT, APPROX. | | USAH | SANITARY SEWER, HANGING | | STDB* | DOUBLE BROKEN LINE |
| | ECT | CURTAIN, TURBIDITY | | MET_P | EASEMENT, TEMPORARY | | USAF | SANITARY SEWER, FORCE MAIN, UGND | | STDL* | DOTTED LINE LONG |
| | EDMC | DAM, COFFER TYPE | | META_P | EASEMENT, TEMPORARY, APPROX. | | USAFH | SANITARY SEWER, FORCE MAIN, HANG | | STDS* | DOTTED LINE SHORT |
| | EDMEC_P | DAM, EARTHEN, CHECK | | MF_P | FEE ACQUISITION, W/ ACCESS | | UT | TELEPHONE, UNDERGROUND | | STFB* | FULL BARRIER LINE |
| | EDMPC_P | DAM, PREFAB, CHECK | | MFWOA_P | FEE ACQUISITION, APPROXIMATE | | UTH | TELEPHONE, HANGING | | STH* | HATCH LINE |
| | EDMSC_P | DAM, STONE, CHECK | | MHB | HIGHWAY BOUNDARY | | UTO | TELEPHONE, OVERHEAD | | STPB* | PARTIAL BARRIER LINE |
| | EFNS | FENCE, SILT | | MHBA | HIGHWAY BOUNDARY, APPROX. | | UTV | CABLE TV, UNDERGROUND | | STRCT | ROUNDAABOUT, CAT TRACKS |
| | EFNSV | FENCE, SILT & VEGETATION | | MHBW | HWY BOUNDARY, FACE OF WALL | | UTVH | CABLE TV, HANGING | | STRYL | ROUNDAABOUT, YIELD LINE |
| | EFNSV | FENCE, SILT & VEGETATION | | MHBWOA | HIGHWAY BOUNDARY, W/O ACCESS | | UTVO | CABLE TV, OVERHEAD | | STSB | STOP BAR |
| | EWAA_P | WETLAND, ADJACENT AREA | | MJC | JURISDICTION, CITY | | UUU | UNKNOWN, UNDERGROUND | | STSE | SOLID, EDGE |
| | EWF | WETLAND, FEDERAL | | MJCY | JURISDICTION, COUNTY | | UUH | UNKNOWN, HANGING | | STXL* | X WALK, LADDER LINE |
| | EWFs | WETLAND, FEDERAL AND STATE | | MJHD | JURISDICTION, HISTORIC DISTRICT | | UUD | UNKNOWN, OVERHEAD | | * = W (WHITE) OR Y (YELLOW) | |
| | EWM | WETLAND, MITIGATION AREA | | MJLL | JURIS., (GREAT, MILITARY) LOT LINE | | UW | WATER LINE, UNDERGROUND | TRAFFIC CONTROL | | |
| | EWS | WETLAND, STATE | | MJN | JURISDICTION, NATION | | UWH | WATER LINE, HANGING | | TCSW | SIGNAL, SPAN WIRE |
| SIGNS | | | | MJS | JURISDICTION, STATE | | UWO | WATER LINE, OVERHEAD | | | |
| | SBLB | BILLBOARDS | | MJT | JURISDICTION, TOWN | TRAFFIC MAINTENANCE | | | | | |
| | SM | MULTIPLE POST | | MJV | JURISDICTION, VILLAGE | | TMBCD_P | BARRICADES | | | |
| | SSO | STRUCTURE, OVERHEAD | | MPL | PROPERTY LOT LINE | | TMBCDL_P | BARRICADES, LIGHTED | | | |
| | SSOC | STRUCTURE, OVHD, CANTILEVER | | MPLA | PROPERTY LOT LINE, APPROXIMATE | | TMBT_P | BARRIER, TEMPORARY | | | |
| | | | | MSL | SUB LOT LINE | | TMBTL_P | BARRIER, TEMPORARY, LIGHTED | | | |
| | | | | | | | TMDB_P | DEVICE, BARRELS | | | |
| | | | | | | | TMDBL_P | DEVICE, BARRELS, LIGHTED | | | |
| | | | | | | | TMDC_P | DEVICE, CONES | | | |

1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.
4. PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.40 MM ON B SIZE DRAWINGS).
5. MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS.
6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

| | | | | | |
|--|--|------------------|---------|----------|----------------------------------|
| HIGHWAY INTERSECTION IMPROVEMENT | | PIN | BRIDGES | CULVERTS | CONTRACT NUMBER |
| NYS ROUTES 30/30A & 30/443 | | 9125.05 | | C960062 | D261326 |
| S.H. 5444, 5086, 5195 & 9298 | | PS&E DATE | | | |
| TOWN OF SCHOHARIE | | NOVEMBER 5, 2009 | | | |
| COUNTY: SCHOHARIE COUNTY | | | | | |
| DOCUMENT NAME: 912505.cph leg_01.dgn | | | | | LEGEND, LINE AND POINT SYMBOLOGY |
| | | | | | DRAWING NO. L-1 |
| | | | | | SHEET NO. 13 |
| | | | | | S.H. 5444, 5086, 5195, & 9298 |
| NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | | |



FILE NAME = T:\1997\1997.104.003 NY Route 30 Intersections\NY RTE 30\Drawings\Highway\912505.cph leg.02.dgn
 DATE/TIME = 11/5/2009 11:21:22 AM
 USER = s8onyshgn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 CHECKED BY: CJM/JRM
 DRAFTED BY: JLW
 ESTIMATED BY: INZA
 DESIGNED BY: CJM
 JOB MANAGER: JRM
 DESIGN SUPERVISOR: JRM

| ALIGNMENT | | | BRIDGE | | | ROADWAY | | | ITS | | | UTILITIES | | | ROW MAPPING | | | | | |
|----------------|---------|------------------------------|----------------------|----------|---|--------------|--------|---------------------------|------|----------|-----------------------------|-----------|---------|----------------------------|-------------|---------|----------------------------|------------------------|---------|------------------------|
| CELL | NAME | DESCRIPTION | CELL | NAME | DESCRIPTION | CELL | NAME | DESCRIPTION | CELL | NAME | DESCRIPTION | CELL | NAME | DESCRIPTION | CELL | NAME | DESCRIPTION | | | |
| ⊗ | ACC | CENTER OF CURVATURE | □ | BSC | BRIDGE, SCUPPER | ⊙ | RES P | ELEVATION, SPOT | ⊕ | JANT P | ANTENNAS | ⊕ | UEB | ELECTRIC, BOX | ⊕ | MDL1P | DEED LINE, TYPE 1 | | | |
| + | ACOGO | COGO | DRAINAGE | | | ⊗ | RGA | GUIDE RAIL, ANCHOR | ⊕ | JASCTS | ACCOU. SPEED/COUNT SNSRS | ⊕ | UEM | ELECTRIC, METER | ⊕ | MDL2P | DEED LINE, TYPE 2 | | | |
| ⊙ | ACS | CURVE TO SPIRAL | | | | ○ | RGP | GUIDE POST, SINGLE | ⊕ | JCAPAD | CABINET & PAD | ⊕ | UEMH | ELECTRIC, MANHOLE | ⊕ | MDL3P | DEED LINE, TYPE 3 | | | |
| △ | ADPL_P | DETOUR, POINT OF INTERSECT. | + | DINV | INVERT | SIGNS | | | ⊕ | ICCTV | CCTV SITE | ⊕ | UEPT | ELECTRIC, POLE, TRANS. | ⊕ | MDL4P | DEED LINE, TYPE 4 | | | |
| ○ | ADPL_P | DETOUR, POINT ON LINE | ▤ | DS | STRUCTURE, RECTANGULAR | | | | + | S | SINGLE POST | ⊕ | ICDPD | CDPD TRANSCEIVER | ⊕ | UGM | GAS, METER | ⊕ | MDL5P | DEED LINE, TYPE 5 |
| ○ | AEQN | EQUATION | + | DSI | STRUCTURE, INVERT | + | S P | SINGLE POST, PROPOSED | + | ICELLT | CELL PHONE TOWER | ⊕ | UGMH | GAS, MANHOLE | ⊕ | MEEP | EASEMENT, EXISTING | | | |
| △ | AEQNAHD | EQUATION AHEAD | ⊗ | DSM | STRUCTURE, MANHOLE | + | SB P | BACK TO BACK, PROPOSED | + | ICJB | CONDUIT JACK OR BORING | ⊕ | UGLM | GAS, LINE MARKER | ⊕ | MEPAP_P | EASEMENT, PERM., APPROX. | | | |
| ⊙ | AEQNBK | EQUATION BACK | ⊗ | DSMTXX.P | STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96 | + | SDEL | DELINEATORS | ⊕ | ICNL CAB | CONTROLLER CABINET | ⊕ | UGP | GAS/FUEL PUMP | ⊕ | MEPP_P | EASEMENT, PERM., BACK LINE | | | |
| ○ | AEVT | EVENT STATION | ⊗ | DSR | STRUCTURE, ROUND | + | SPM | PARKING METER | ⊕ | ICPB | COMMUNICATION PULL BOX | ⊕ | UGV | GAS, VALVE | ⊕ | MEPSP_P | EASEMENT, PERM., SHAPE | | | |
| ⊙ | APC | POINT OF CURVATURE | ⊗ | DSTXX.P | STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R | + | SRM | REFERENCE MARKERS | ⊕ | ICTD | CONDUIT TURNING DOWN | ⊕ | UGVT | GAS, VENT | ⊕ | MFAP_P | FEE ACQUISITION, APPROX. | | | |
| ○ | APCC | POINT OF COMPOUND CURVATURE | ⊕ | DSTXX.P | STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U | ○ | SRSC3 | SHLD, CTY, 123 DIG. | ⊕ | ICTU | CONDUIT TURNING UP | ⊕ | ULP | LIGHTING, POLE | ⊕ | MFP_P | FEE ACQUISITION, BACK LINE | | | |
| △ | API | POINT OF INTERSECTION | ENVIRONMENTAL | | | ○ | SRSC4 | SHLD, CTY, 4 DIG. | ⊕ | ICVTRT | COMM. VEH. ROAD TRNSCVR. | ⊕ | ULPM | LIGHTING, POLE, MEDIAN | ⊕ | MFSP_P | FEE ACQUISITION, SHAPE | | | |
| △ | APOB | POINT OF BEGINNING | | | | ▤ | EIOP_P | STR., INLET, OUTLET PROT. | ○ | SRSC2 | SHLD, CTY TOUR, 1-2 DIG. | + | IDFAULT | DEFAULT | ⊕ | ULPP | LIGHTING, POLE, PEDESTRIAN | ⊕ | MHBAP | HIGHWAY BDRY., APPROX. |
| ○ | APOC | POINT OF CURVATURE | ⊕ | EIPGB_P | STR., INLET PROT., GRAVEL BAG | ⊕ | SRS1 | SHLD, INTERSTATE | ⊕ | IEZR | EZ-PASS READER | ⊕ | UMFC | MISC. FILLER CAP | ⊕ | MHBCP | HISTORICAL, BLDG. CORNERS | | | |
| △ | APOE | POINT OF END | ⊕ | EIPHS_P | STR., INLET PROT., HAY/STRAW | ⊕ | SRS2 | SHLD, NATIONAL, 2 DIG. | ⊕ | IEZTR | TRANSMITTAL READER | ⊕ | UOLM | OIL, LINE MARKER | ⊕ | MHBP | HIGHWAY BDRY, PT. | | | |
| ○ | APOL | POINT ON LINE | ⊕ | EIPPG_P | STR., INLET PROT., PREFAB. | ⊕ | SRS3 | SHLD, NATIONAL, 3 DIG. | ⊕ | IFUSSPL | FUSION SPLICE | ⊕ | UP | POLE, WITH UTILITY | ⊕ | MJCP | PT., JURISDICTION CITY | | | |
| ○ | APOS | POINT ON SPIRAL | ⊕ | EIPPS_P | STR., INLET PROT., SILT FENCE | ⊕ | SRS4 | SHLD, STATE, 2 DIG. | ⊕ | IHARADV | HAR ADVISORY SIGN | ⊕ | UPD | POLE, DEAD (NO UTILITY) | ⊕ | MPBC | PT., BUILDING CORNER | | | |
| ○ | APOT | POINT ON TANGENT | ⊕ | EIPSF_P | STR., INLET PROT., SILT FENCE | ⊕ | SRS5 | SHLD, STATE, 3 DIG. | ⊕ | IHARST | HAR SITE | ⊕ | UPL | POLE, WITH LIGHT | ⊕ | MPCC | PT., CROSS CUT | | | |
| △ | APOVC | POINT ON VERTICAL CURVE | ⊕ | ERCB | RISER, CONCRETE BOX | ⊕ | SRS53 | SHLD, STATE, 3 DIG. | ⊕ | ILC | LOAD CENTER | ⊕ | USMH | SANITARY SEWER MANHOLE | ⊕ | MPDH | PT., DRILL HOLE | | | |
| △ | APOVT | POINT ON VERTICAL TANGENT | ⊕ | ETRS_P | TRAP, SEDIMENT | ⊕ | SRS54 | SHLD, STATE, 4 DIG. | ⊕ | IMECSPL | MECHANICAL SPLICE | ⊕ | UTB | TELEPHONE, BOOTH | + | MPF | PT., FENCE LOCATION | | | |
| Y | APORC | POINT ON REVERSE CURVE | GEOTECHNICAL | | | ⊕ | TCBJ | BOX, JUNCTION | ⊕ | IMSCS | PORT. SPEED & COUNT SENSOR | ⊕ | UTLM | TELEPHONE, LINE MARKER | ⊕ | MPIP | PT., IRON PIPE | | | |
| ⊙ | APT | POINT OF TANGENCY | | | | ⊕ | GDH | DRILL HOLE | ⊕ | TCBP | BOX, PULL BOX | ⊕ | IMSCTS | MICRO SPEED & COUNT SENSOR | ⊕ | UTVM | CABLE TV, LINE MARKER | ⊕ | MPIR | PT., IRON ROD |
| ⊙ | APVC | POINT OF VERTICAL CURVATURE | LANDSCAPE | | | ⊕ | TCBS | BOX, SPLICE | ⊕ | IMT | MICROWAVE TRANSCEIVER | ⊕ | UTVPB | CABLE TV, PULL BOX | ⊕ | MPM | PT., MONUMENT | | | |
| △ | APVCC | POINT OF VERT. CMPND CURVE | | | | CELL | NAME | DESCRIPTION | ⊕ | TCMC | MICROCOMPUTER CABINET | ⊕ | IOVHVS | PERM. OVERHEAD VMS | ⊕ | UUB | UNKNOWN, BOX | ⊕ | MPNM | PT., MONUMENT, MISC. |
| ⊙ | APVI | POINT OF VERT. INTERSECTION | + | LELS | ELEVATION, SPOT | ⊕ | TCPP | PED POLE | ⊕ | IPASCS | PORT. ACC. SPD & CNT SENSOR | ⊕ | UUB | UNKNOWN, JUNCTION BOX | ⊕ | MPN | PT., NAIL | | | |
| △ | APVRC | POINT OF VERT. REVERSE CURVE | ○ | LFP | FLAG POLE | ⊕ | TCSH | SIGNAL HEADS | ⊕ | IPEDS | PEDESTRIAN SIGNAL HEAD | ⊕ | UUMH | UNKNOWN, MANHOLE | ⊕ | MPRS | PT., RAILROAD SPIKE | | | |
| ⊙ | APVT | POINT OF VERTICAL TANGENCY | ⊕ | LMB | MAIL BOX | ⊕ | TCSP | SIGNAL POLE | ⊕ | IPSS | PAVEMENT SURFACE SENSOR | ⊕ | UUPB | UNKNOWN, PULL BOX | ⊕ | MPSP | PT., SPIKE | | | |
| ⊙ | ASC | SPIRAL TO CURVE | ⊕ | LPB | PAPER BOX | ⊕ | IRWIS | RDWY WEATHER INFO. SENSOR | ⊕ | IPVMS | PERM. VMS | ⊕ | UUPB | UNKNOWN, PULL BOX | ⊕ | MPST | PT., STAKE | | | |
| △ | ASPI | SPIRAL POINT OF INTERSECTION | ⊕ | LPST | POST, SINGLE | ⊕ | IRM | RAMP METER | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVL | UNKNOWN, VALVE | ⊕ | MPTW | PT., TREE W/WIRE | | | |
| ○ | ASTS | SPIRAL TO SPIRAL | CONTROL | | | ⊕ | LRB | ROCK, BOULDER | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | + | MPWL | PT., WALL LOCATION | | | |
| ⊗ | AST | SPIRAL TO TANGENT | | | | ⊕ | LRB | ROCK, BOULDER | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ROW ACQUISITION | | |
| ⊗ | ATS | TANGENT TO SPIRAL | + | LMB | MAIL BOX | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION | | | |
| △ | AVEVT | VERTICAL EVENT POINT | + | LMB | MAIL BOX | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION | | | |
| ○ | AVHIGH | VERTICAL HIGH POINT | ○ | LMB | MAIL BOX | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION | | | |
| ○ | AVLOW | VERTICAL LOW POINT | ○ | LMB | MAIL BOX | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION | | | |
| CONTROL | | | ⊕ | LMB | MAIL BOX | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION | | | |
| | | | ⊕ | LPST | POST, SINGLE | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION |
| | | | △ | CBP | BASELINE, POINT | ⊕ | LRB | ROCK, BOULDER | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION |
| | | | ○ | CBPOL | BASELINE, POINT ON LINE | ⊕ | LRB | ROCK, BOULDER | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION |
| | | | ⊕ | CBSP | BASELINE, SPUR POINT | ⊕ | LRB | ROCK, BOULDER | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION |
| | | | ⊕ | CBTP | BASELINE, TIE POINT | ⊕ | LRB | ROCK, BOULDER | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION |
| | | | ⊕ | CPBM | BENCHMARK | ⊕ | LRB | ROCK, BOULDER | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION |
| | | | ⊕ | CPH | POINT, HORIZ. PHOTOGRAMMETRY | ⊕ | LRB | ROCK, BOULDER | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION |
| | | | ⊕ | CPSM | POINT, SURVEY MARKER, PERM. | ⊕ | LRB | ROCK, BOULDER | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION |
| | | | ⊕ | CPSV | POINT, VERT., PHOTOGRAMMETRY | ⊕ | LRB | ROCK, BOULDER | ⊕ | IRWVMS | PERM. VMS | ⊕ | IRWVMS | PERM. VMS | ⊕ | UUVT | UNKNOWN, VENT | ⊕ | MFS_P.T | FEE ACQUISITION |

- THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
- FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
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- FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

| | | | | | | |
|--------------------------------------|--|------------------|---------|-------------------------------|-----------------------------------|--|
| HIGHWAY INTERSECTION IMPROVEMENT | | PIN | BRIDGES | CULVERTS | LEGEND, LINE, AND POINT SYMBOLOGY | CONTRACT NUMBER |
| NYS ROUTES 30/30A & 30/443 | | 9125.05 | | C960062 | | D261326 |
| S.H. 5444, 5086, 5195 & 9298 | | PS&E DATE | | | DRAWING NO. L-2 SHEET NO. 14 | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 |
| TOWN OF SCHOHARIE | | NOVEMBER 5, 2009 | | | | |
| COUNTY: SCHOHARIE COUNTY | | | | S.H. 5444, 5086, 5195, & 9298 | | |
| DOCUMENT NAME: 912505.cph.leg.02.dgn | | | | | | |



FILE NAME = T:\1997\1997104.003 NY Route 30 Intersections\NY RTE 30\Drawings\Highway\912505.cph_gnn.dgn
 DATE/TIME = 11/5/2009 11:20:13 AM
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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: CJM
 DRAFTED BY: JLM/BRT
 CHECKED BY: CJM/JRM/RPJ

GENERAL NOTES

HAZARDOUS WASTE NOTIFICATION-THE PERMITTEE ACCEPTS THE RIGHT-OF-WAY OF THE STATE HIGHWAY IN ITS "AS IS" CONDITION. THE DEPARTMENT OF TRANSPORTATION MAKES NO REPRESENTATION AS TO THE ABSENCE OF UNDERGROUND TANKS, STRUCTURES, FEATURES OR SIMILAR IMPEDIMENTS TO THE COMPLETION OF THE WORK PERMITTED HEREUNDER. SHOULD PERMITTEE FIND SOME PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS TO ITS WORK, THE DEPARTMENT OF TRANSPORTATION SHALL HAVE NO OBLIGATION TO CURE, REMOVE, REMEDY OR OTHERWISE DEAL WITH SUCH PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS. THE DEPARTMENT WILL PERMIT THE PERMITTEE TO REMOVE, MODIFY OR OTHERWISE DEAL WITH SUCH UNDERGROUND TANKS, STRUCTURES, FEATURES OR IMPEDIMENTS IF SUCH IS DONE IN A MANNER WHICH MEETS ACCEPTABLE ENGINEERING PRACTICE AND IS PRE-APPROVED BY THE DEPARTMENT OF TRANSPORTATION. SHOULD PERMITTEE DETERMINE THAT SUCH UNDERGROUND UNFORESEEN IMPEDIMENTS RENDER PERMITTEE'S WORK AS AUTHORIZED BY THIS PERMIT UNFEASIBLE, PERMITTEE SHALL HAVE THE OPTION OF RESTORING THE HIGHWAY TO ITS ORIGINAL CONDITION AND NOT PERFORMING SUCH WORK.

EXISTING DRAINAGE STRUCTURE/PIPE REMOVAL

EXISTING DRAINAGE STRUCTURES AND PIPE REMOVALS SHALL BE PAID UNDER ITEM 203.02. REPLACEMENT OF EXCAVATED AREAS TO BE PAID UNDER APPLICABLE ITEMS 203.03, 304.15, 402.011901, 402.096201, 402.096211, 402.196201, 402.196211, 402.376901, 402.376911, 407.0101 & 08520.5014 WHEN LOCATED OUTSIDE OF EXCAVATION REQUIREMENTS FOR OTHER PAY ITEMS.

BOX CULVERT (C960062) GENERAL NOTES

DESIGN SPECIFICATIONS: NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES WITH ALL PROVISIONS IN EFFECT AS OF NOVEMBER 2009.

LIVE LOAD: MS-23

CONSTRUCTION AND MATERIAL SPECIFICATIONS: STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF ENGINEERING, DATED MAY 4, 2006 WITH CURRENT ADDITIONS AND MODIFICATIONS.

ALL SHOP DRAWINGS SUBMITTED FOR THIS PROJECT SHALL BE IN SI UNITS. ERECTION DRAWINGS ARE TO BE PREPARED IN DUAL UNITS.

THE COST OF WATER USED FOR COMPACTION OF SELECT STRUCTURE FILL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203.07 - SELECT GRANULAR FILL.

THE COST OF ALL JOINT MATERIAL SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS ITEMS OF THE CONTRACT, UNLESS OTHERWISE SPECIFIED ON THE PLANS.

DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT OPERATIONS IN SUCH A MANNER AS TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH STREAMS. THE CONTRACTOR SHALL NOT RETURN DIRECTLY TO A STREAM ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF THE CONTRACTOR USES WATER FROM A STREAM, THE CONTRACTOR SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM REQUIRED TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM.

THE CONTRACTOR IS TO COMPLY WITH ALL REQUIREMENTS CONTAINED WITHIN THE NYSDEC/US ARMY CORPS JOINT PERMIT FOR THE PROJECT. A COPY IS CONTAINED WITHIN THE PROJECT PROPOSAL.

THE DETAILS SHOWN FOR THE CULVERT ARE BASED ON THE ASSUMPTION THAT THE WATER IN THE STREAM WILL BE DIVERTED DURING THE ENTIRE CONSTRUCTION OF THE CULVERT UNDER ITEM 553.030001, TEMPORARY WATER DIVERSION STRUCTURE. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL THE CONSTRUCTION PROCEDURE AND SKETCHES SHOWING THE PROPOSED PROCEDURE. THE PROCEDURE SHALL CONFORM TO ALL EROSION AND SEDIMENT CONTROL REQUIREMENTS INDICATED IN THE PROJECT PERMITS.

IF THE STRUCTURE HAS A CULVERT IDENTIFICATION NUMBER (C.I.N.) PLATE ATTACHED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT IT DURING CONSTRUCTION AND REMOUNT IT AFTER CONSTRUCTION IS COMPLETED.

RECORD PLANS

RECORD PLANS FOR THIS STRUCTURE ARE NOT AVAILABLE.

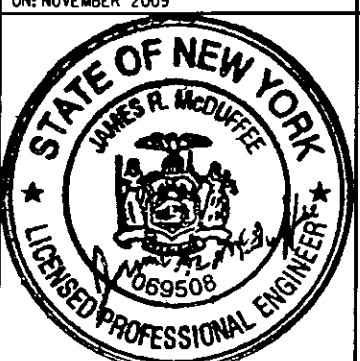
FINAL PAVING OPERATIONS

PLACEMENT OF THE FINAL WEARING COURSE SHALL OCCUR AFTER ALL OPERATIONS INVOLVING HEAVY EQUIPMENT WHICH MAY DAMAGE THE TOP COURSE HAVE BEEN COMPLETED.

UTILITY NOTES

EXISTING OVERHEAD UTILITIES ARE TO BE RELOCATED BY OTHERS AS PART OF THIS PROJECT. THE CONTRACTOR SHALL COORDINATE THE UTILITY RELOCATION WITH INSTALLATION OF THE BOX CULVERT.

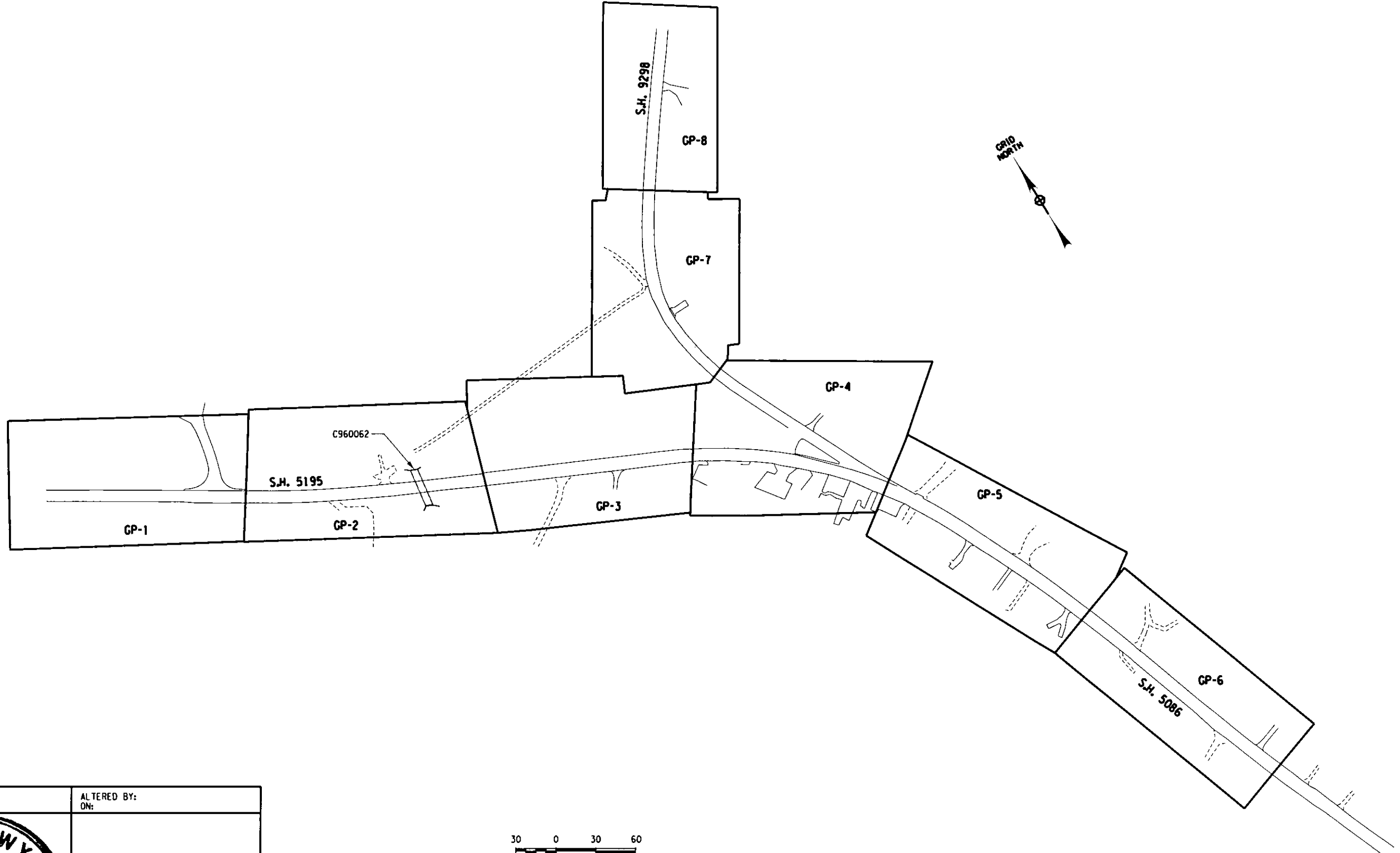
HIGH VOLTAGE ELECTRICAL LINES ARE IN PROXIMITY TO THIS BOX CULVERT. REFER TO THE ELECTRICAL SAFETY NOTE CONTAINED IN THE CONTRACT PROPOSAL FOR SPECIAL CONTRACTOR SAFETY REQUIREMENTS.

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| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
|  | |
| SIGNATURE _____ DATE _____ | |

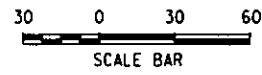
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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | GENERAL NOTES S.H. 5444, 5086, 5195, & 9298 | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | | | | | D261326 |
| | S.H. 5444, 5086, 5195 & 9298 | | | | | DRAWING NO. GN-1 |
| | TOWN OF SCHOHARIE | | | | | SHEET NO. 15 |
| COUNTY: SCHOHARIE COUNTY | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | | |



FILE NAME = T:\1997\1997104.003 NY Route 30 Intersections\NY RTE 30\Drawings\Highway\912505.cph.plan.index.dgn
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM



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|-----------------------------------|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| | |
| SIGNATURE _____ DATE _____ | |



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|--|---|-------------------------------|---------|---------------------|--|--|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 9125.05 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED ROUTE 30/30A INTERSECTION PLAN INDEX | CONTRACT NUMBER D261326 |
| | NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PS&E DATE NOVEMBER 5, 2009 | | | | DRAWING NO. N-1 SHEET NO. 16 |
| | | | | | S.H. 5086, 5195, & 9298 | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 |



DOCUMENT NAME: 912505.cph.plan.index.dgn

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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: JRM
 DESIGNED BY: CJM
 CHECKED BY: CJM/JRM
 DRAFTED BY: JLM
 ESTIMATED BY: N/A

GENERAL NOTES

FOR TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES IN CONSTRUCTION AREAS NOT SPECIFIED IN THE PLANS, THE PROVISIONS OF PART 6 OF THE MUTCD WITH NYS SUPPLEMENT SHALL APPLY. THE STANDARDS OF APPLICATION NOTED THEREIN AND ON THE PLANS ARE TO BE CONSIDERED MINIMUM STANDARDS.

PRIOR TO THE START OF ANY WORK OPERATIONS, ALL RELATED WORK FOR PROPOSED TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETE. THIS INCLUDES BUT IS NOT LIMITED TO, ALL SIGNS, PAVEMENT MARKINGS, BARRIERS, DELINEATION (CONES, DRUMS, ETC.), FLAGGERS, PAVEMENT MODIFICATIONS, AND ANY OTHER RELATED WORK AS DIRECTED BY THE ENGINEER IN CHARGE.

WEEDS, SHRUBBERY, CONSTRUCTION MATERIALS, EQUIPMENT, VEHICLES OR WORKERS SHALL NOT OBSCURE TRAFFIC CONTROL DEVICES OR OBSTRUCT TRAFFIC. THE CONTRACTOR SHALL BE REQUIRED TO TRIM ANY FOLIAGE OBSTRUCTING THE VISIBILITY OF ANY TRAFFIC CONTROL DEVICES WHETHER PERMANENT, TEMPORARY OR CONSTRUCTION.

WORK ZONE SIGNING

SIGNING INSTALLED BY THE CONTRACTOR PRIOR TO THE ACTUAL START OF WORK SHALL BE COVERED UNTIL THE CONDITIONS WARRANTING THE SIGNS ARE PRESENT. WHEN NO EVIDENCE OF WORK IS PRESENT OUTSIDE OF WORKING HOURS, SIGNING SHALL BE TAKEN DOWN OR COVERED.

DELINEATION AND GUIDING DEVICES

DEFORMED OR DAMAGED CHANNELING DEVICES THAT DO NOT MAINTAIN APPEARANCE, COLOR AND REFLECTIVITY WILL BE EVALUATED FOR ACCEPTABILITY IN ACCORDANCE WITH THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) "QUALITY GUIDELINES FOR WORK ZONE TRAFFIC CONTROL DEVICES". AS THE CONDITION OF DEVICES DETERIORATE OVER TIME, THOSE THAT FALL BELOW THE MARGINAL CATEGORY SHALL BE REPLACED.

LANE CLOSURES

NO OVERNIGHT LANE CLOSURE SHALL BE ALLOWED WITHOUT THE PERMISSION OF THE ENGINEER IN CHARGE.

TRUCK MOUNTED ATTENUATORS

AT LEAST ONE TMA VEHICLE IN THE WORK ZONE SHALL BE EQUIPPED WITH A FUNCTIONING DRONE RADAR UNIT. IT MAY BE RELOCATED TO THE ARROW PANEL FOR CONVENIENCE. COST SHALL BE INCLUDED IN 619.01.

BUMPS

A W8-1 "BUMP" SIGN SHALL BE PLACED ON ALL APPROACHES WHERE A BUMP IS PRESENT IN THE ROADWAY. WHERE NUMEROUS BUMPS OR DIPS OCCUR, THE W8-1 "BUMP" SIGN SHALL BE REPLACED WITH A W8-8 "ROUGH ROAD" SIGN.

DETOUR NOTES

THIS CONTRACT INCLUDES CONSTRUCTION OF 2 DETOURS AT THE ROUTE 30/30A INTERSECTION FOR CONSTRUCTION OF THE BOX CULVERT. ALL SUBBASE AND PAVEMENT MATERIAL PLACED AS PART OF THE DETOUR SHALL BE REMOVED UPON COMPLETION OF USE OF THE DETOUR. ANY DETOUR EMBANKMENT THAT IS ABOVE THE FINAL PROPOSED GRADE SHALL ALSO BE REMOVED. REMOVAL WORK PAID UNDER ITEM 203.02. THE BOX CULVERT EXTENSION ASSOCIATED WITH THIS WORK WILL BE PAID UNDER ITEM 619.0601.

FLAGGING OPERATIONS

FLAGGING OPERATIONS ARE ANTICIPATED IN THIS CONTRACT.

TRAFFIC ON NON-PAVED SURFACES

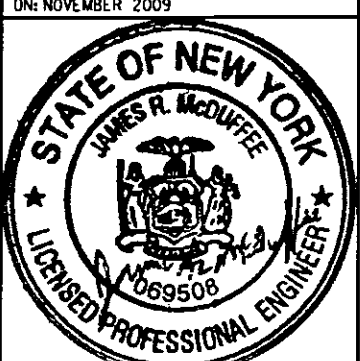
TRAFFIC IN THE CONSTRUCTION ZONE MAY BE MAINTAINED ON A COMPACTED SUBBASE SURFACE FOR UP TO ONE WORK WEEK (NOT OVER A WEEKEND) OR AS APPROVED BY THE ENGINEER.

TRAFFIC SHALL NEVER BE MAINTAINED ON A NON-GRAVEL SURFACE OUTSIDE OF WORKING HOURS. IF IT IS NECESSARY DURING STAGED CUT OR FILL OPERATIONS TO RUN TRAFFIC ON NON-SUBBASE, THIS CONDITION SHOULD BE LIMITED TO NO MORE THAN TWO OVERNIGHTS.

GENERAL SAFETY NOTES

THE CONTRACTOR'S ATTENTION IS DIRECTED TO ALL APPLICABLE SECTIONS OF THE MOST CURRENT EDITION OF CFR 29 PART 1926, CONSTRUCTION SAFETY AND HEALTH REGULATIONS.

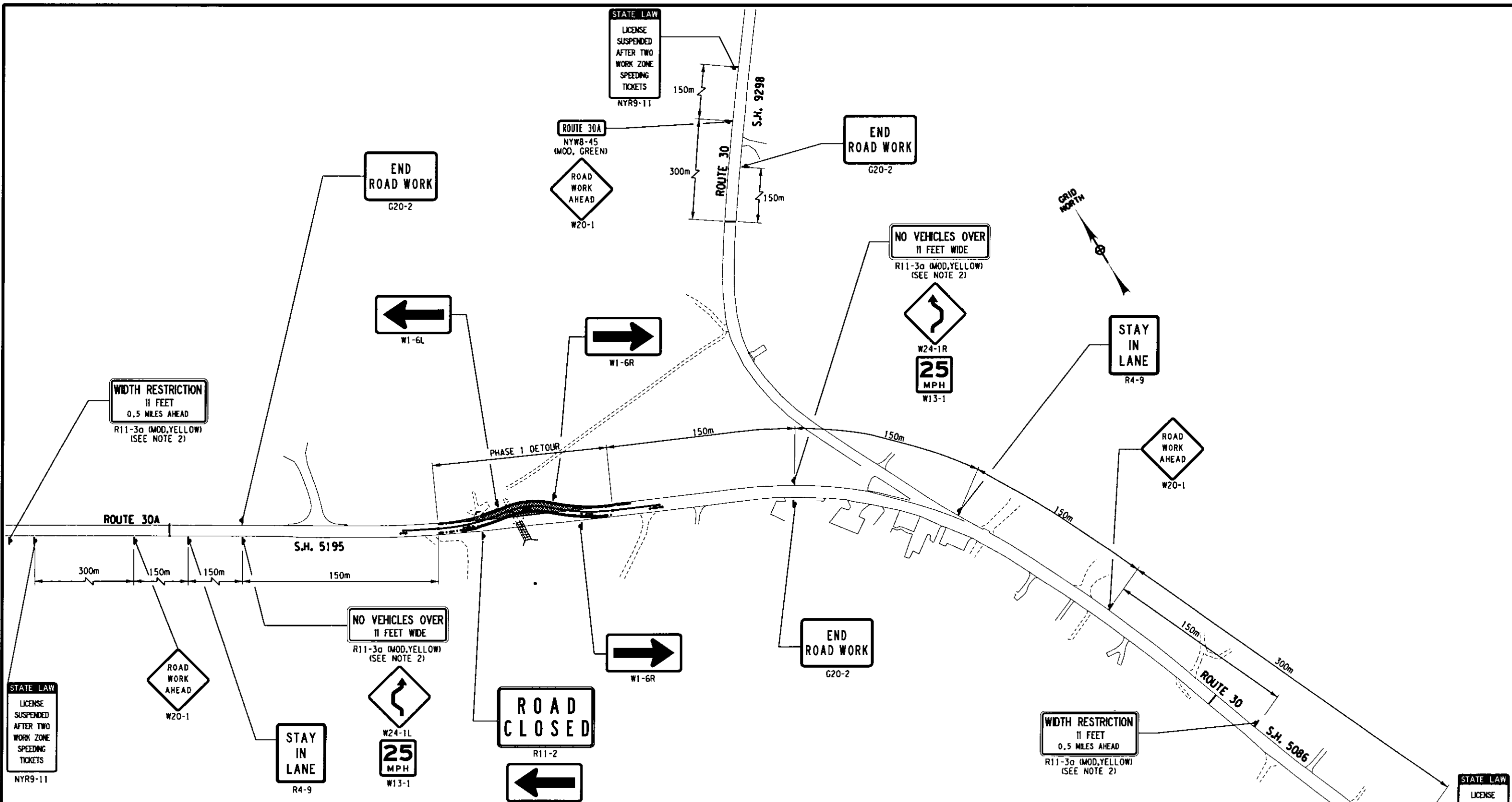
THE USE OF A TRUCK MOUNTED MAN BASKET OR CONING TRUCK IS THE ONLY ACCEPTABLE METHOD FOR SETTING OUT OR PICKING UP TRAFFIC CONES. CONING OPERATIONS CONDUCTED DIRECTLY FROM THE BED OR TAILGATE OF A PICKUP TRUCK WILL NOT BE ALLOWED.

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| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
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| SIGNATURE _____ DATE _____ | |

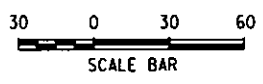
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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | CONTRACT NUMBER D261326 |
| | WORKZONE TRAFFIC CONTROL NOTES S.H. 5444, 5086, 5195, & 9298 | | | | DRAWING NO. WZTC-1 SHEET NO. 18 |
| | DOCUMENT NAME: 912505.cph.wztc.01.dgn NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | |



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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM



- NOTES:
1. THE DOWNSTREAM END OF CIN C960062 SHOULD BE EXCAVATED AND REPLACED IN THIS PHASE. TRAFFIC WILL BE CONTROLLED BY USE OF A DETOUR CONSTRUCTED ON THE NORTH SIDE OF ROUTE 30A. SEE DWG. NO. WZTC-3 FOR ADDITIONAL INFORMATION.
 2. SIGN SHALL BE PLACED ON ROUTE 30A JUST EAST OF THE I-88 INTERCHANGE.



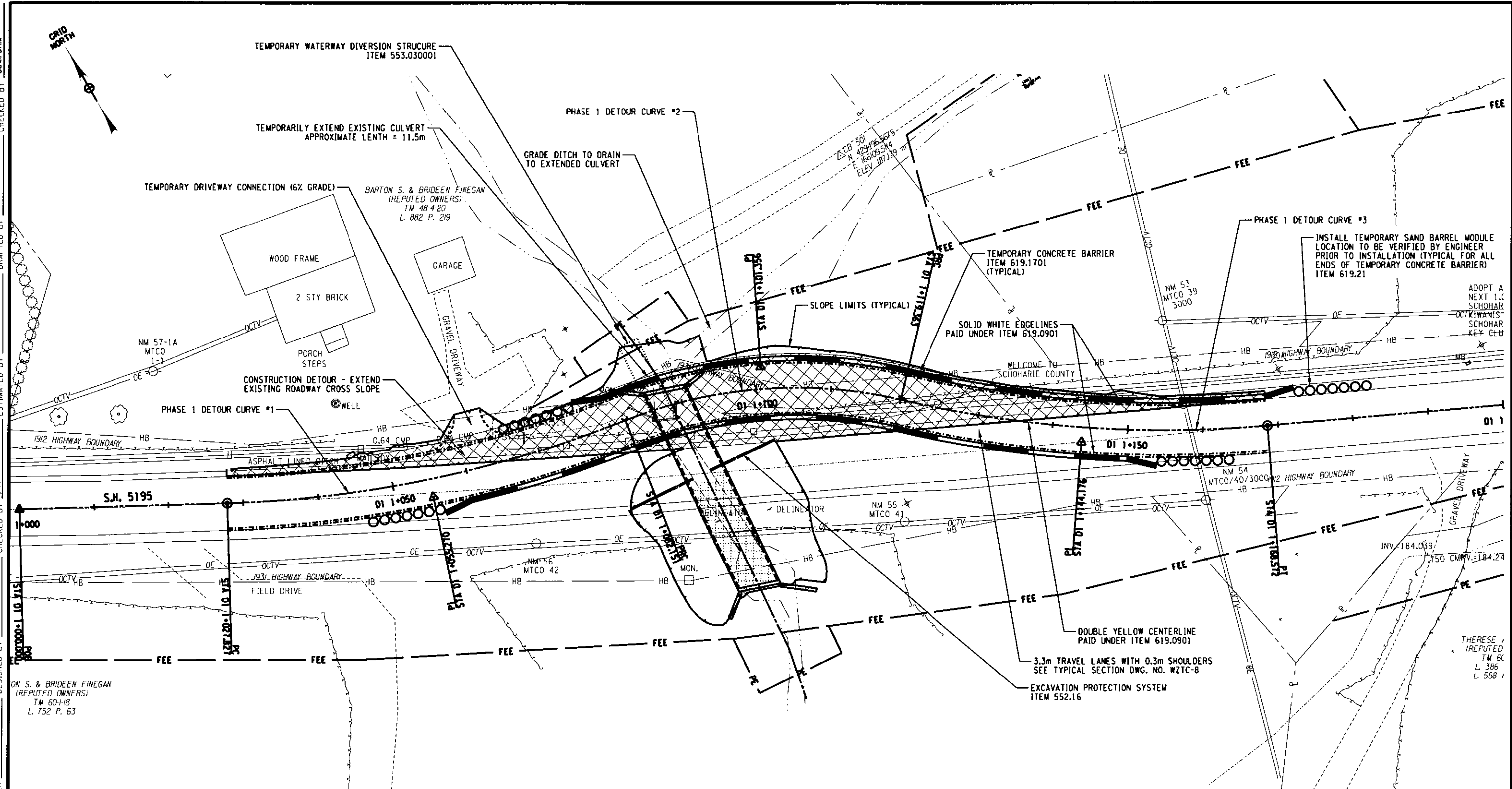
PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED | CONTRACT NUMBER | |
| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | | |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | ROUTE 30/30A INTERSECTION WORK ZONE PHASE 1 DETOUR SIGNING | D261326 | |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | | | |
| SIGNATURE _____ | DATE _____ | COUNTY: SCHOHARIE COUNTY | | | S.H. 5086, 5195, & 9298 | DRAWING NO. WZTC-2 SHEET NO. 19 | |
| DOCUMENT NAME: 912505.cph_wzt_phase1.sign_plan.01.dgn | | | | | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 |



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 CHECKED BY: CJM/JRM
 DRAFTED BY: CJM/JRM
 ESTIMATED BY: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 JOB MANAGER: JRM
 DESIGN SUPERVISOR: JRM



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

CONSTRUCTION SEQUENCE:

- TEMPORARILY EXTEND EXISTING CULVERT AND CONSTRUCT DETOUR ON NORTH SIDE OF ROUTE 30A (UNDER TRAFFIC). CULVERT EXTENSION SHALL HAVE A MINIMUM HYDRAULIC OPENING OF 3.1m² & EXTEND 1m INSIDE THE EXISTING CULVERT. PAID UNDER ITEM 619.0601. THE CULVERT EXTENSION SHALL BE OF MATERIAL SUFFICIENT TO WITHSTAND EMBANKMENT & VEHICLE LOADING.
- MAKE TEMPORARY CONNECTION TO DRIVEWAY.
- SHIFT TRAFFIC TO ROUTE 30A DETOUR.
- CONSTRUCT DOWNSTREAM PORTION OF BOX CULVERT.

NOTES:

- SEE DWG. #S MST-5 AND MST-9 FOR ALIGNMENT LAYOUT DATA.
- SEE BOX CULVERT PLANS FOR ADDITIONAL CULVERT CONSTRUCTION INFORMATION.

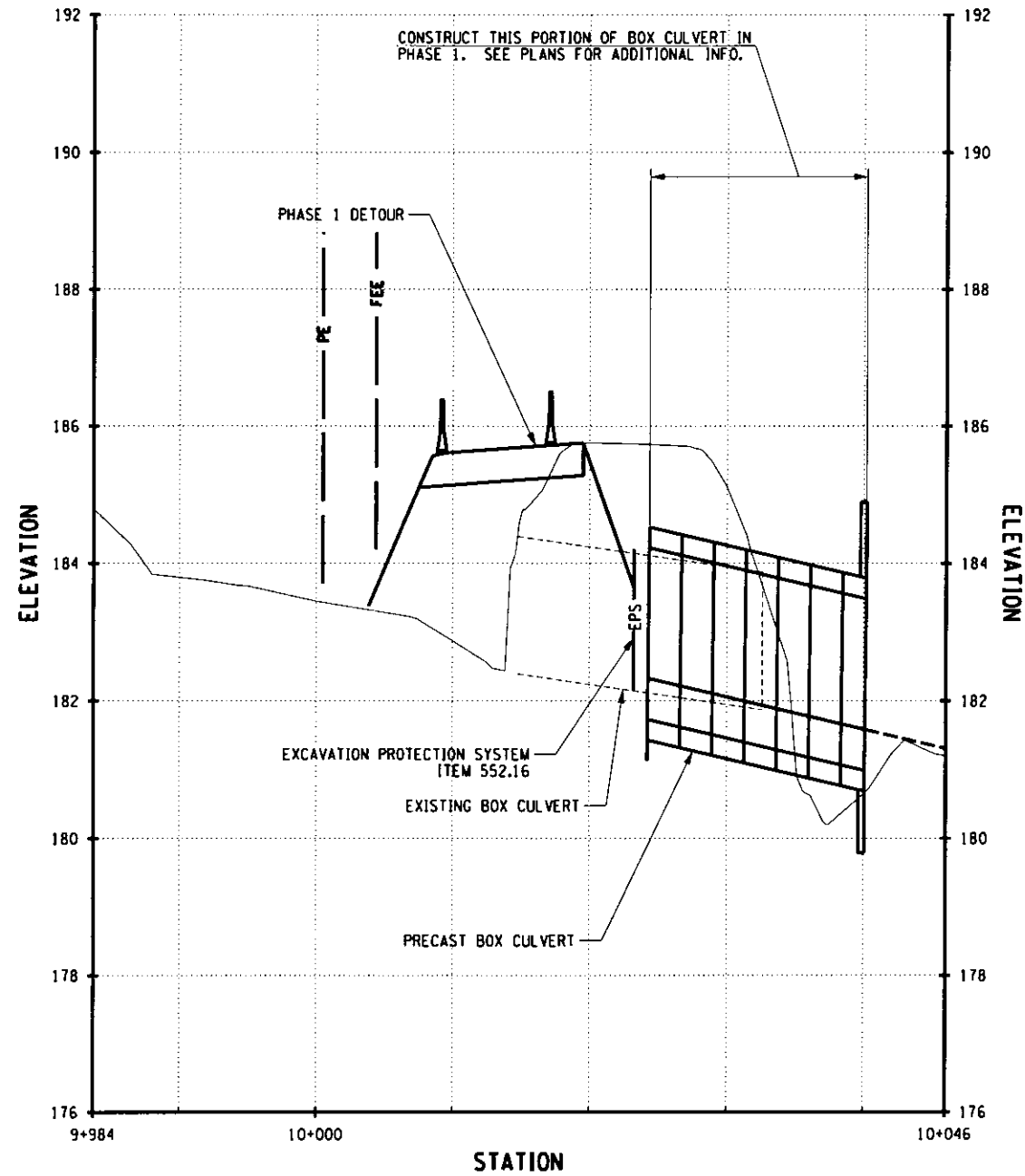
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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED ROUTES 30/30A INTERSECTION WORK ZONE TRAFFIC CONTROL-PHASE 1 BOX CULVERT CONSTRUCTION S.H. 5195 | CONTRACT NUMBER D261326 DRAWING NO. WZTC-3 SHEET NO. 20 |
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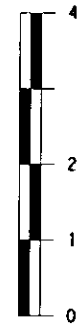
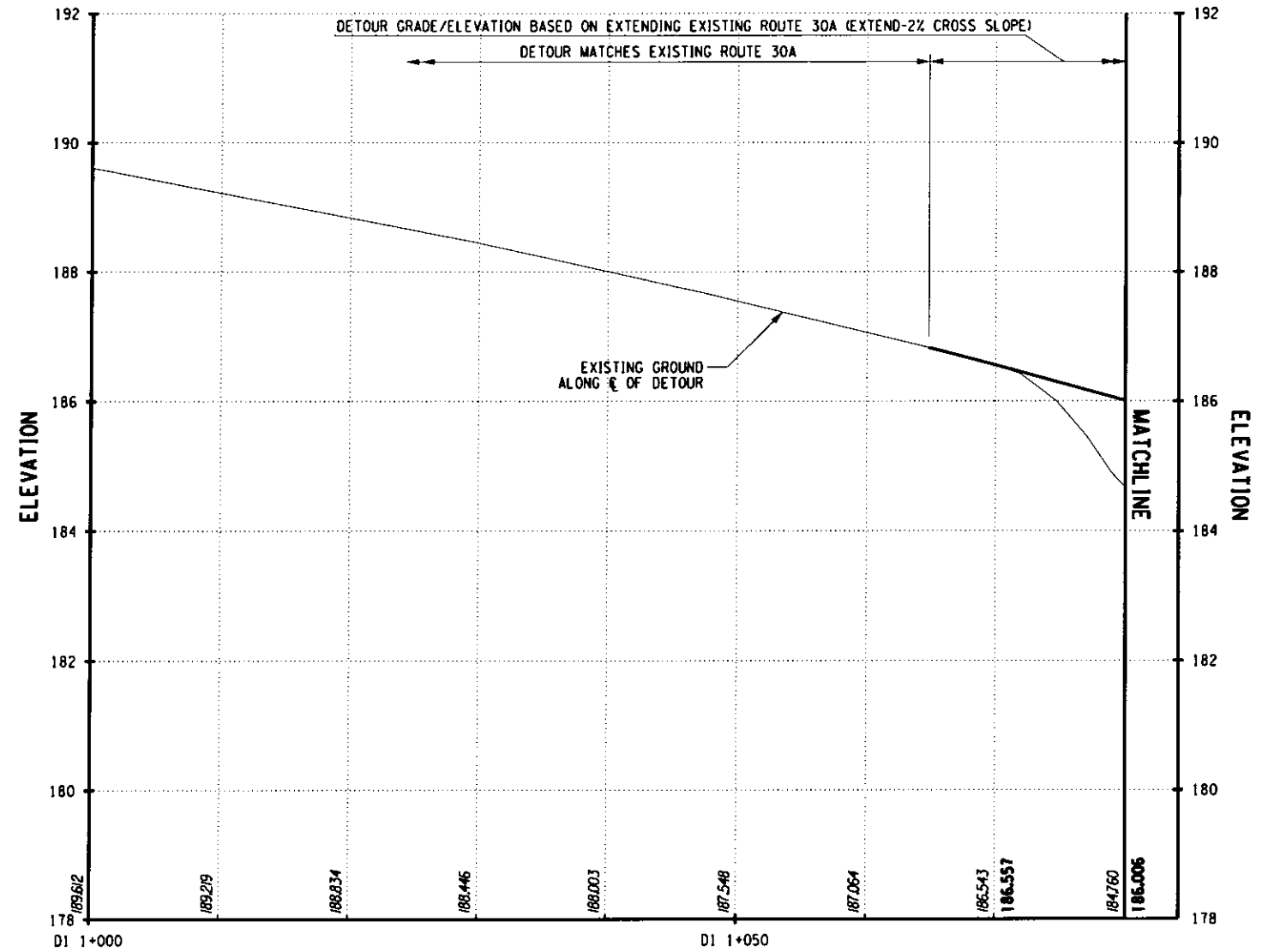
NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

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 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM DESIGNED BY: CJM CHECKED BY: JRM ESTIMATED BY: JRM DRAFTED BY: CJM/JRM CHECKED BY: CJM/JRM

PROPOSED BOX CULVERT



BOX CULVERT DETOUR PHASE 1



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE

DATE

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PI# 9125.05
 PS&E DATE
 NOVEMBER 5, 2009

BRIDGES
 CULVERTS
 C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
**ROUTES 30/30A INTERSECTION
 WORK ZONE TRAFFIC CONTROL-PHASE 1
 PROFILES**
 S.H. 5195

CONTRACT NUMBER
D261326

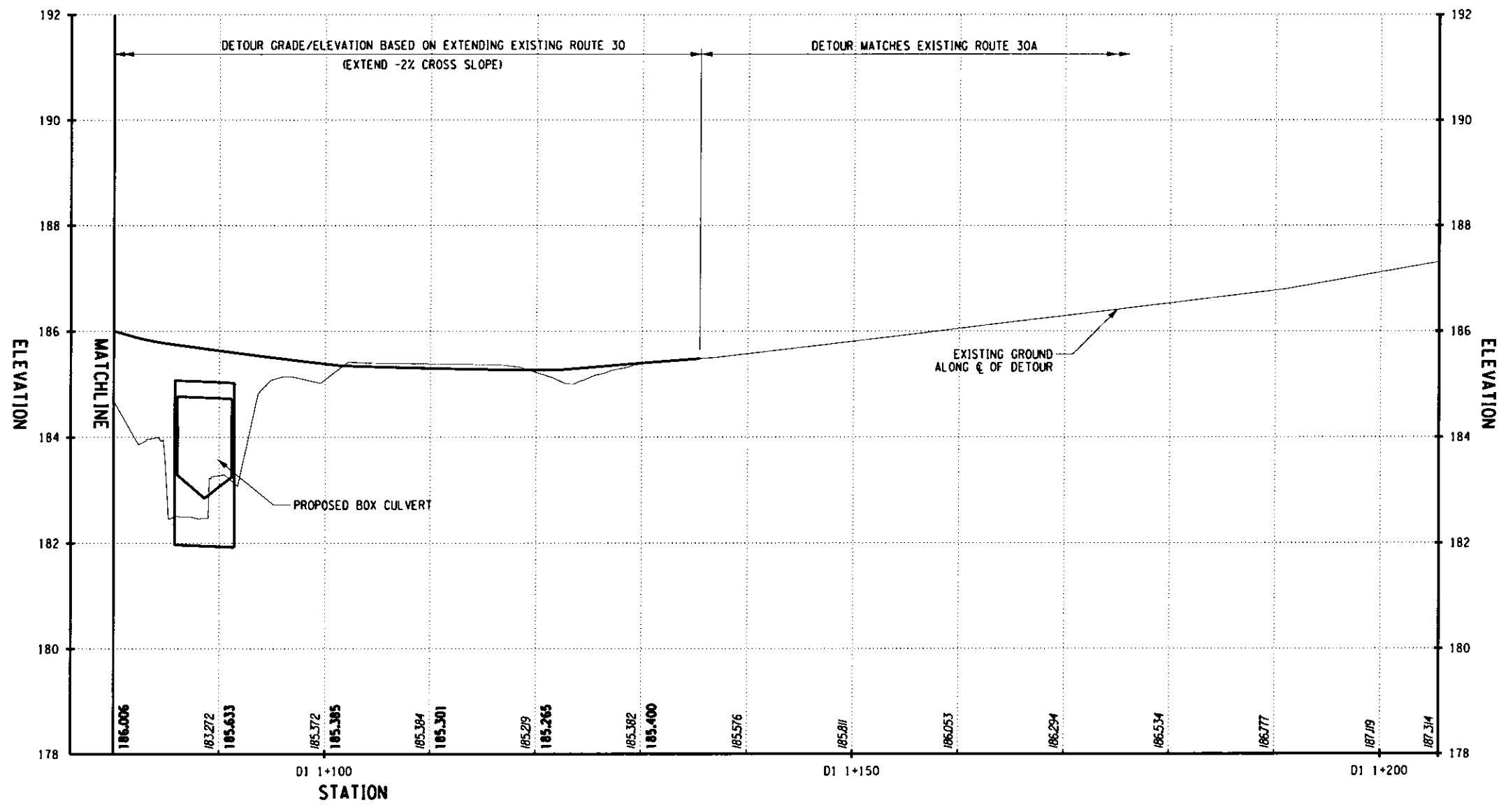
DRAWING NO. WZTC-4
SHEET NO. 21



NOTE:
1. SEE BOX CULVERT PLANS FOR ADDITIONAL INFORMATION.

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 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM

BOX CULVERT DETOUR PHASE 1



PREPARED BY:
ON: NOVEMBER 2009

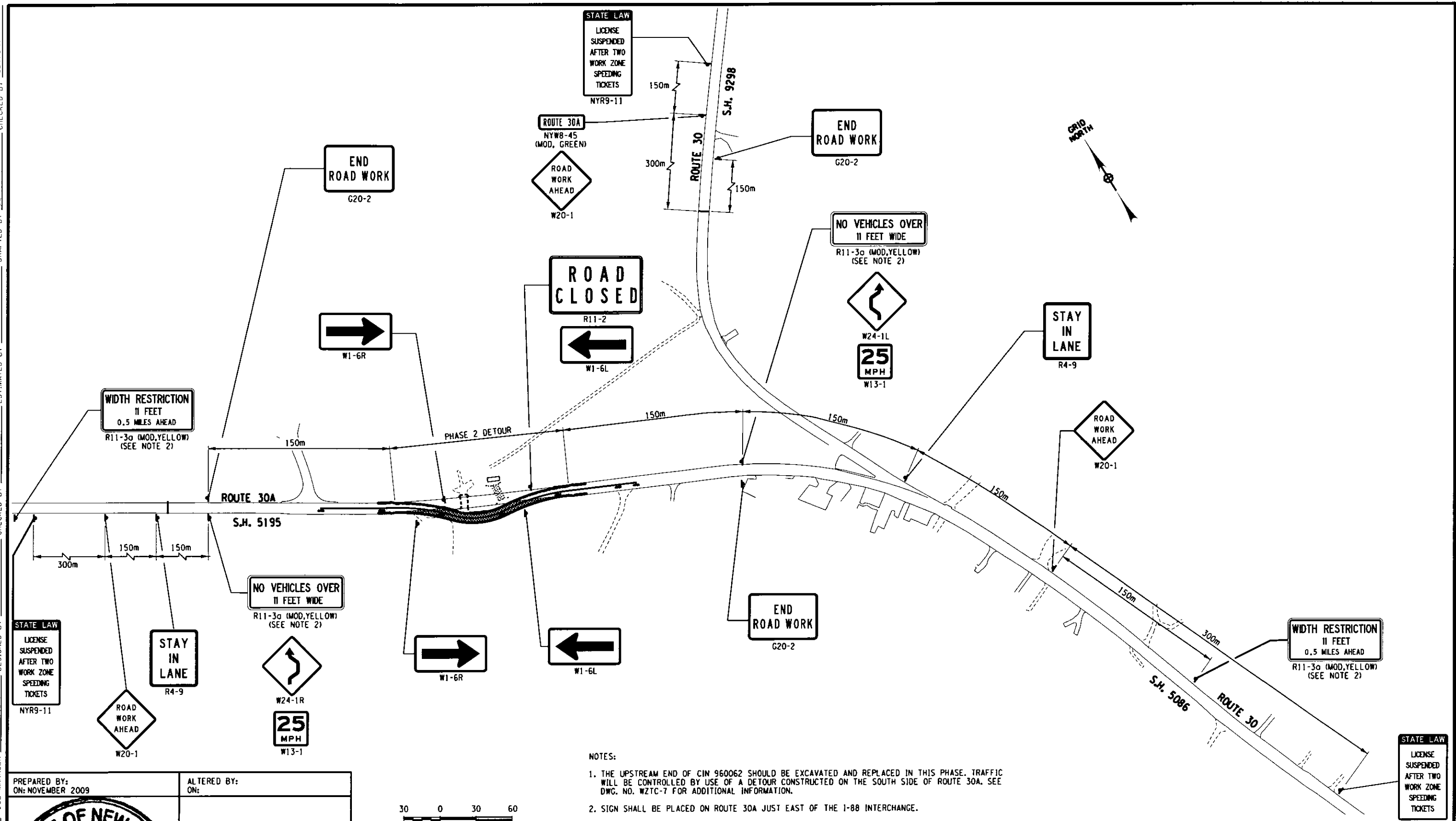
ALTERED BY:
ON:

NOTE:
1. SEE BOX CULVERT PLANS FOR ADDITIONAL INFORMATION.

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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | 9125.05 PS&E DATE NOVEMBER 5, 2009 | | C960062 | | |
| SIGNATURE _____ | DATE _____ | ROUTES 30/30A INTERSECTION WORK ZONE TRAFFIC CONTROL-PHASE 1 PROFILES S.H. 5195 | | | DRAWING NO. WZTC-5 SHEET NO. 22 | |
| DOCUMENT NAME: 912505A.cph.pro.mpt.phase.1-2.dgn | | | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |



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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 ESTIMATED BY: JRM
 CHECKED BY: JLM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM



- NOTES:
1. THE UPSTREAM END OF CIN 960062 SHOULD BE EXCAVATED AND REPLACED IN THIS PHASE. TRAFFIC WILL BE CONTROLLED BY USE OF A DETOUR CONSTRUCTED ON THE SOUTH SIDE OF ROUTE 30A. SEE DWG. NO. WZTC-7 FOR ADDITIONAL INFORMATION.
 2. SIGN SHALL BE PLACED ON ROUTE 30A JUST EAST OF THE I-88 INTERCHANGE.
 3. OVER WIDTH VEHICLE RESTRICTION SIGNS SHALL BE REMOVED UPON COMPLETION OF THE CULVERT CONSTRUCTION.

PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED

ROUTE 30/30A INTERSECTION
 WORK ZONE PHASE 2 SIGNING

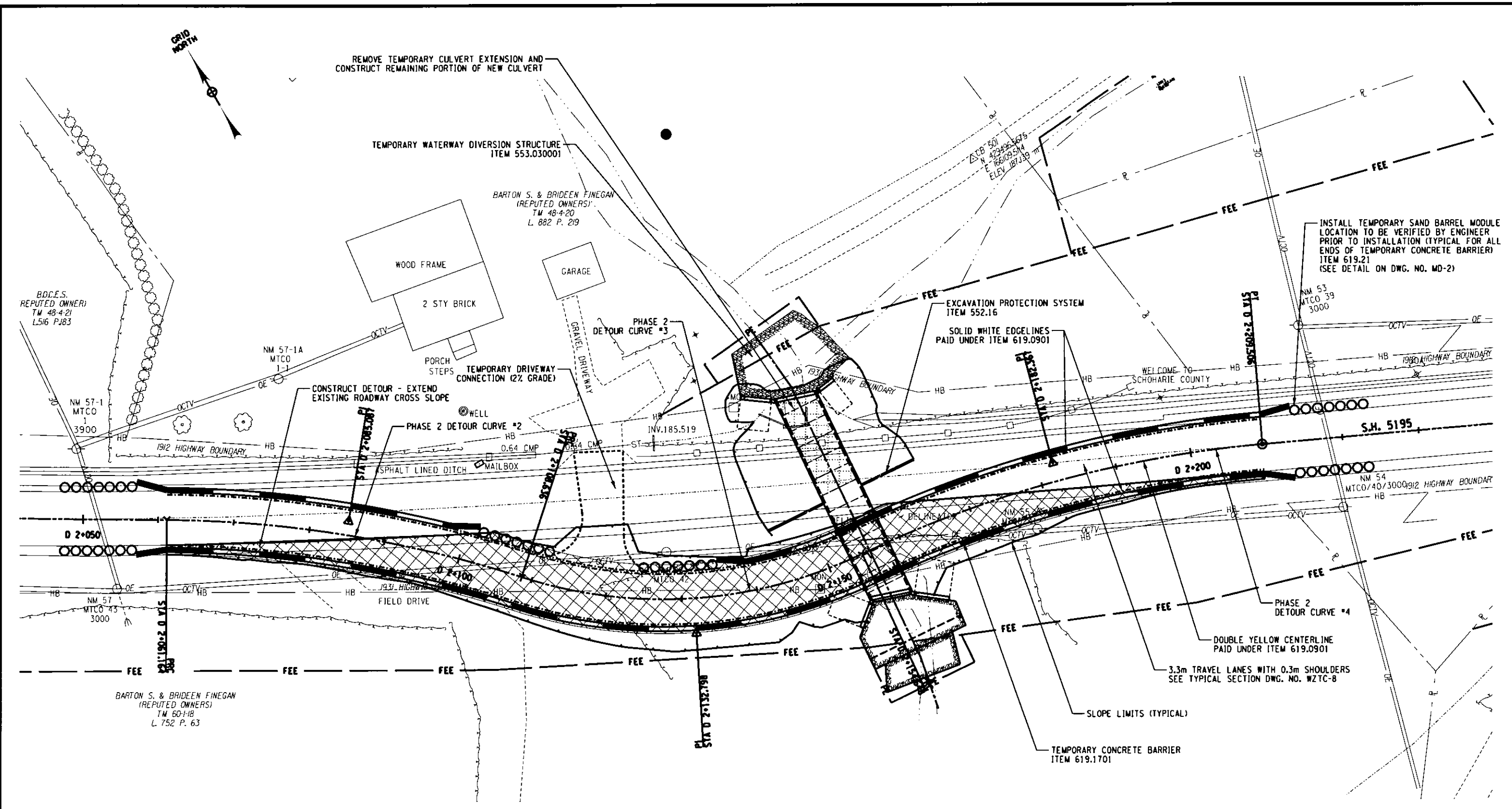
S.H. 5086, 5195, & 9298

CONTRACT NUMBER D261326
 DRAWING NO. WZTC-6
 SHEET NO. 23

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9



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 CHECKED BY: CJM/JRM
 DESIGNED BY: CJM
 ESTIMATED BY: JRM
 CHECKED BY: CJM/JRM
 DRAFTED BY: CJM/JRM
 JOB MANAGER: JRM
 DESIGN SUPERVISOR: JRM



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

CONSTRUCTION SEQUENCE:

1. CONSTRUCT DETOUR SOUTH OF ROUTE 30A.
2. MAKE TEMPORARY CONNECTION TO DESMOND DRIVEWAY.
3. SHIFT TRAFFIC TO PHASE 2 DETOUR.
4. CONSTRUCT UPSTREAM PORTION OF BOX CULVERT.

NOTES:

1. SEE DWG. *S WZTC-9 & WZTC-10 FOR ADDITIONAL INFORMATION.
2. SEE DWG. *S MST-5 AND MST-9 FOR ALIGNMENT LAYOUT DATA.

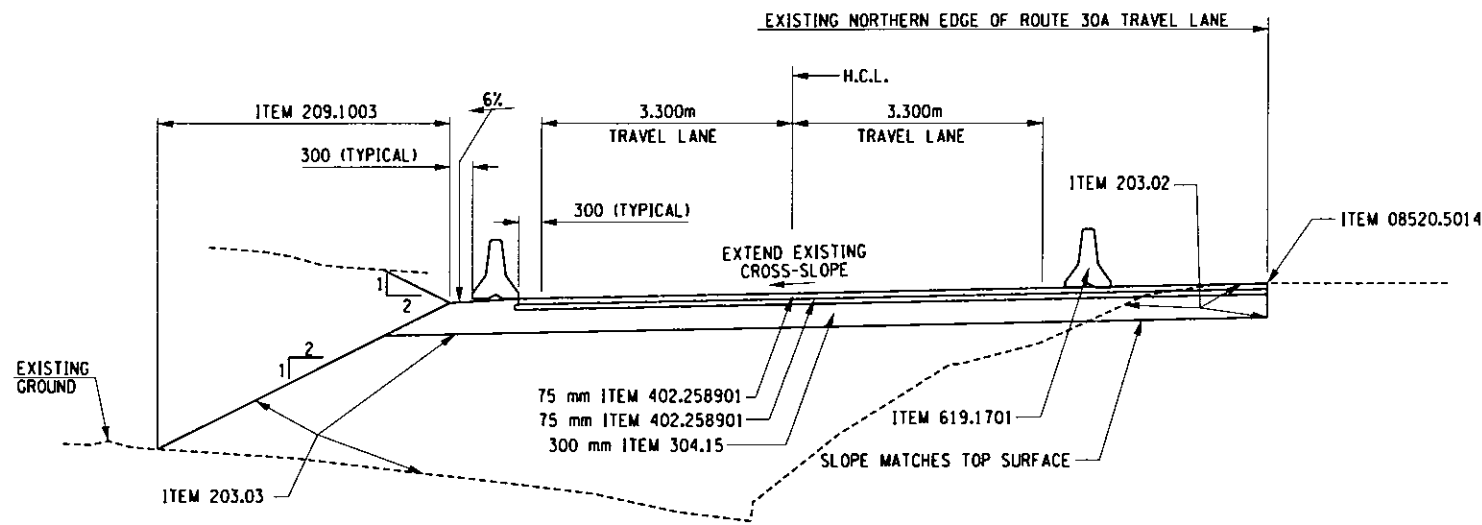
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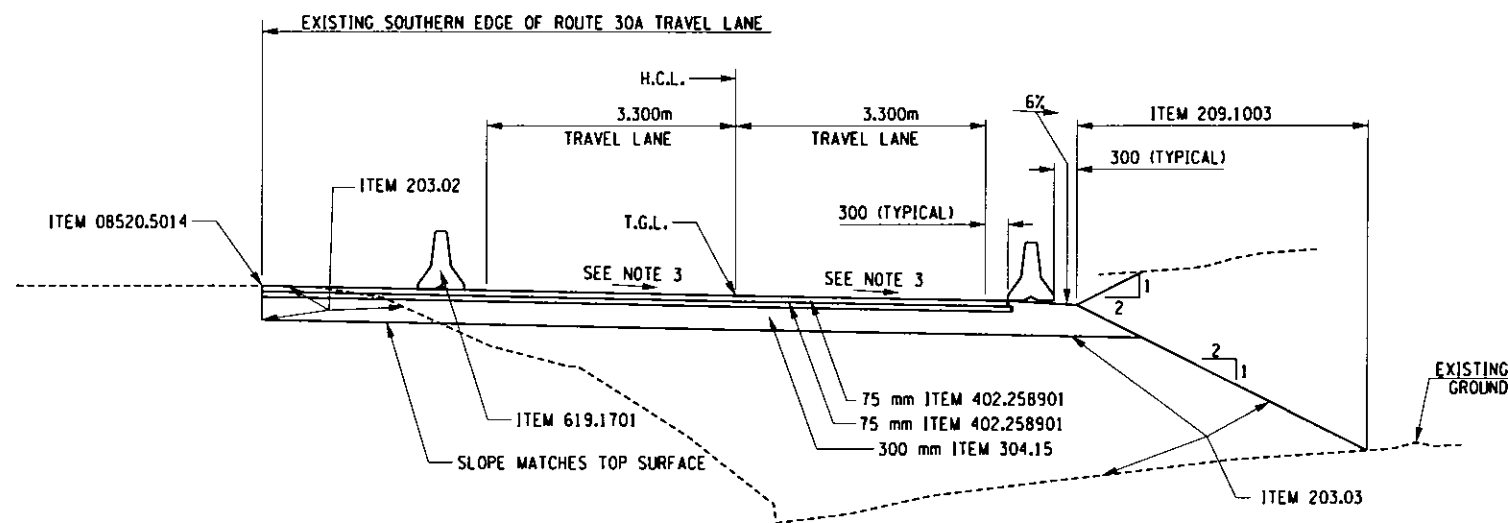
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| HIGHWAY INTERSECTION IMPROVEMENT | | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| NYS ROUTES 30/30A & 30/443 | | 9125.05 | | C960062 | ROUTES 30/30A INTERSECTION WORK ZONE TRAFFIC CONTROL-PHASE 2 BOX CULVERT CONSTRUCTION | D261326 |
| S.H. 5444, 5086, 5195 & 9298 | | PS&E DATE | | | | DRAWING NO. WZTC-7 |
| TOWN OF SCHOHARIE | | NOVEMBER 5, 2009 | | | S.H. 5195 | SHEET NO. 24 |
| COUNTY: SCHOHARIE COUNTY | | | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |

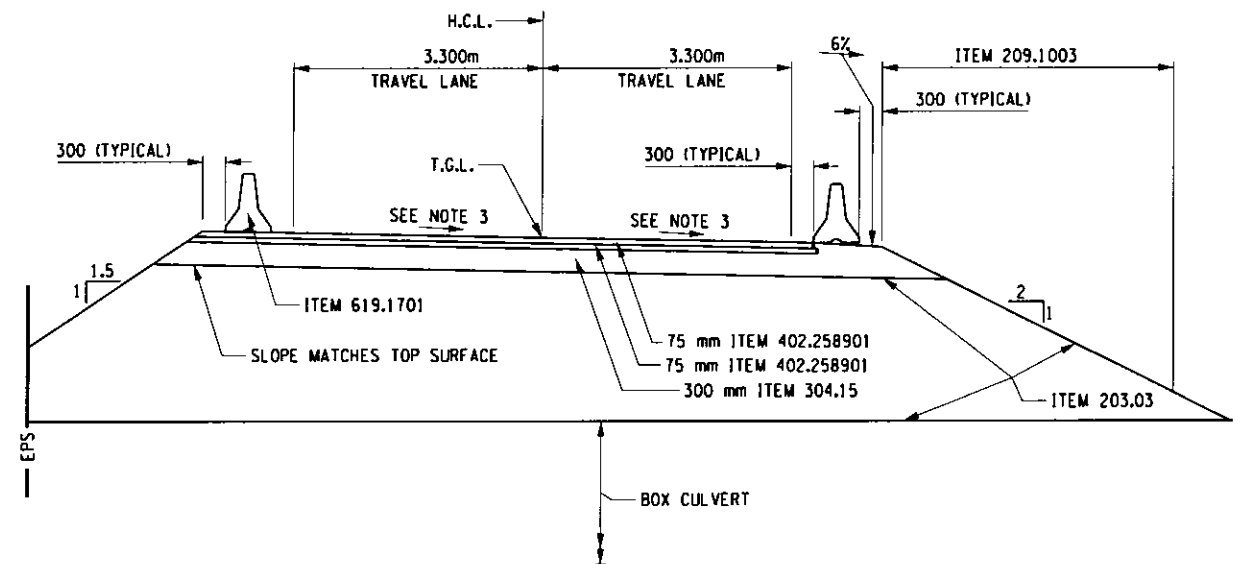
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 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM
 JOB MANAGER: JRM
 DESIGN SUPERVISOR: JRM



PHASE 1 DETOUR TYPICAL SECTION APPROACHING CULVERT
 SHOWN IN DIRECTION OF STATIONING



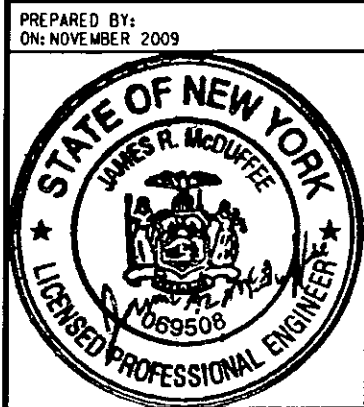
PHASE 2 DETOUR TYPICAL SECTION APPROACHING CULVERT
 SHOWN IN DIRECTION OF STATIONING



PHASE 2 DETOUR TYPICAL SECTION ON CULVERT
 SHOWN IN DIRECTION OF STATIONING

| ITEM | DESCRIPTION | UNIT | ITEM | DESCRIPTION | UNIT |
|------------|--|------|----------|------------------------------|------|
| 203.02 | UNCLASSIFIED EXCAVATION AND DISPOSAL | CM | 619.0901 | TEMPORARY PAVEMENT MARKINGS | M |
| 203.03 | EMBANKMENT IN PLACE | SM | 619.21 | TEMPORARY SAND BARREL MODULE | EA |
| 209.1003 | SEED AND MULCH - TEMPORARY | CM | | | |
| 304.15 | SUBBASE COURSE, OPTIONAL TYPE | CM | | | |
| 402.258901 | 25mm F9, SUPERPAVE HMA, 80 SERIES COMPACTION | MT | | | |
| 08520.5014 | SAWCUTTING ASPHALT PAVEMENT | M | | | |
| 619.1701 | TEMPORARY CONCRETE BARRIER, (UNPINNED) | M | | | |

| NOTES: | |
|--------|--|
| 1. | TEMPORARY PAVEMENT MARKINGS SHALL BE APPLIED AT THE CENTERLINE AND OUTSIDE EDGES OF THE TRAVEL LANE. PAID UNDER ITEM 619.0901. |
| 2. | TEMPORARY SAND BARREL MODULES SHALL BE INSTALLED AT THE ENDS OF THE TEMPORARY CONCRETE BARRIER. PAID UNDER ITEM 619.21. |
| 3. | DETOUR CROSS SLOPE IS 2% DOWN RIGHT, IN AREAS WHERE NOT EXTENDED FROM EXISTING ROADWAY. |



PREPARED BY:
 ON: NOVEMBER 2009

ALTERED BY:
 ON:

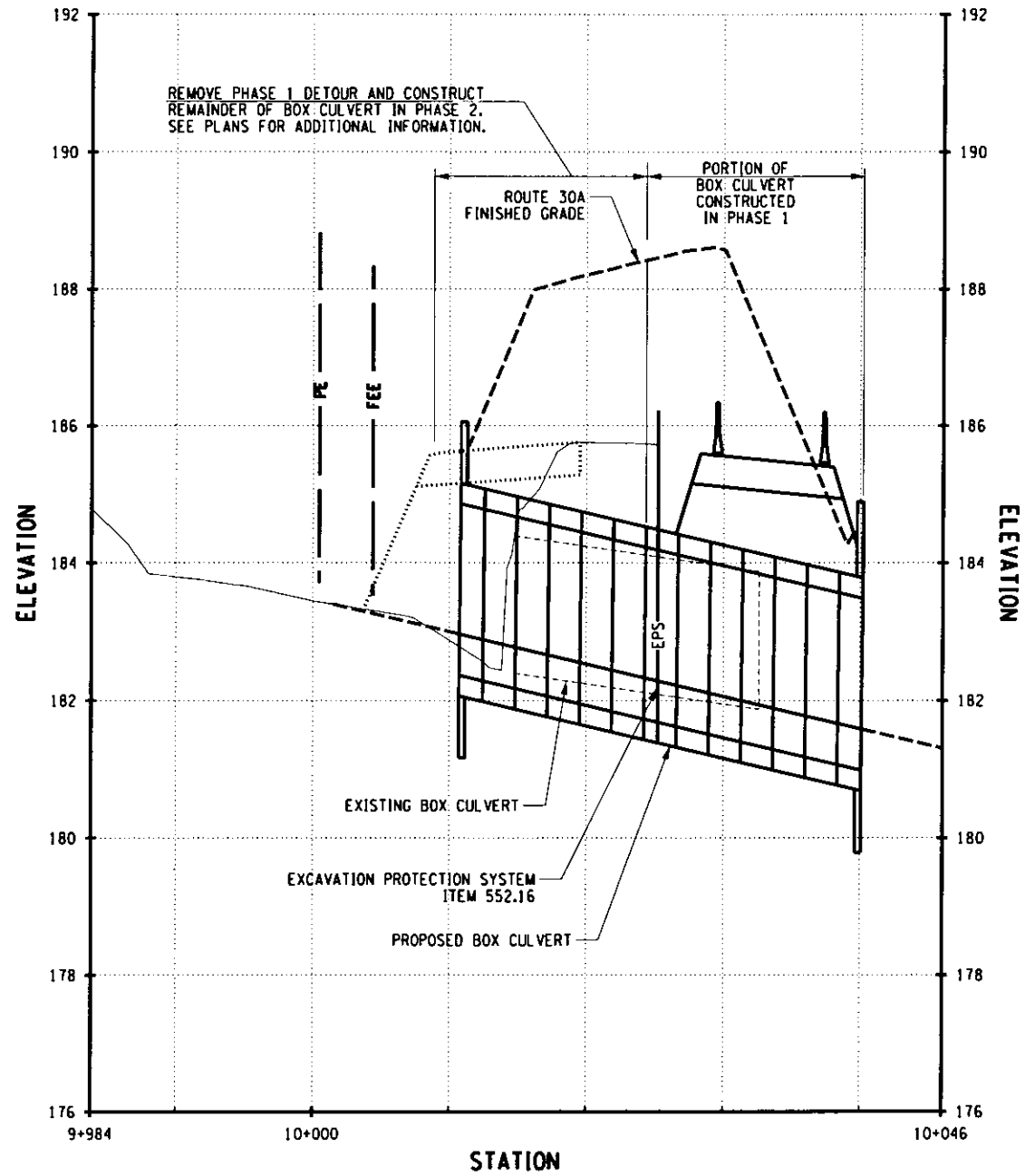
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|--|---|---|---------|---------------------|--|----------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED ROUTES 30/30A INTERSECTION DETOUR TYPICAL SECTIONS S.H. 5195 | CONTRACT NUMBER D261326 |
| | NYS ROUTES 30/30A & 30/443 | | | | | |
| | S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | | | | | |
| DRAWING NO. WZTC-8 SHEET NO. 25 | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | | |

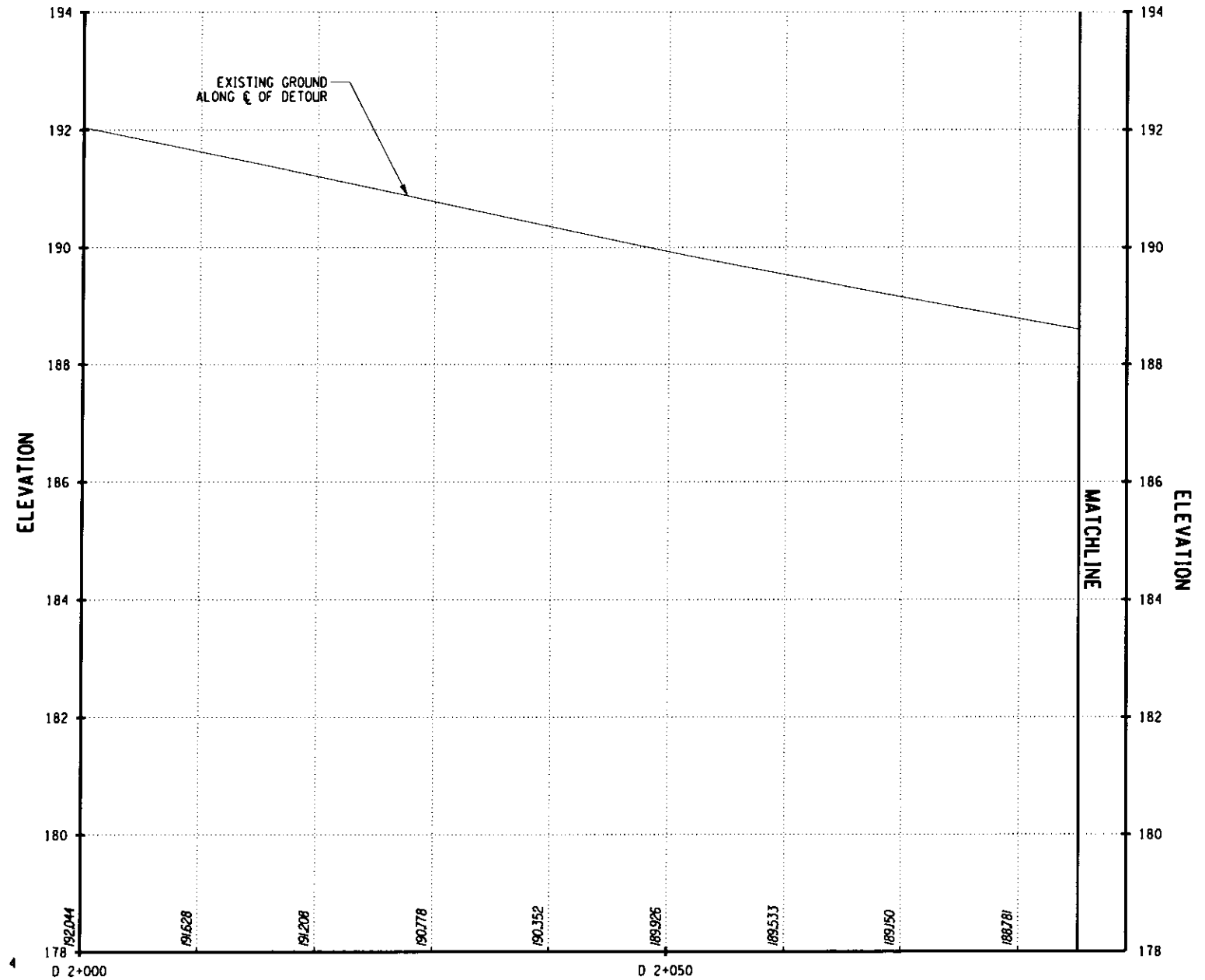


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 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM

PROPOSED BOX CULVERT



BOX CULVERT DETOUR PHASE 2



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
**ROUTES 30/30A INTERSECTION
 WORK ZONE TRAFFIC CONTROL-PHASE 2
 PROFILES**
 S.H. 5195

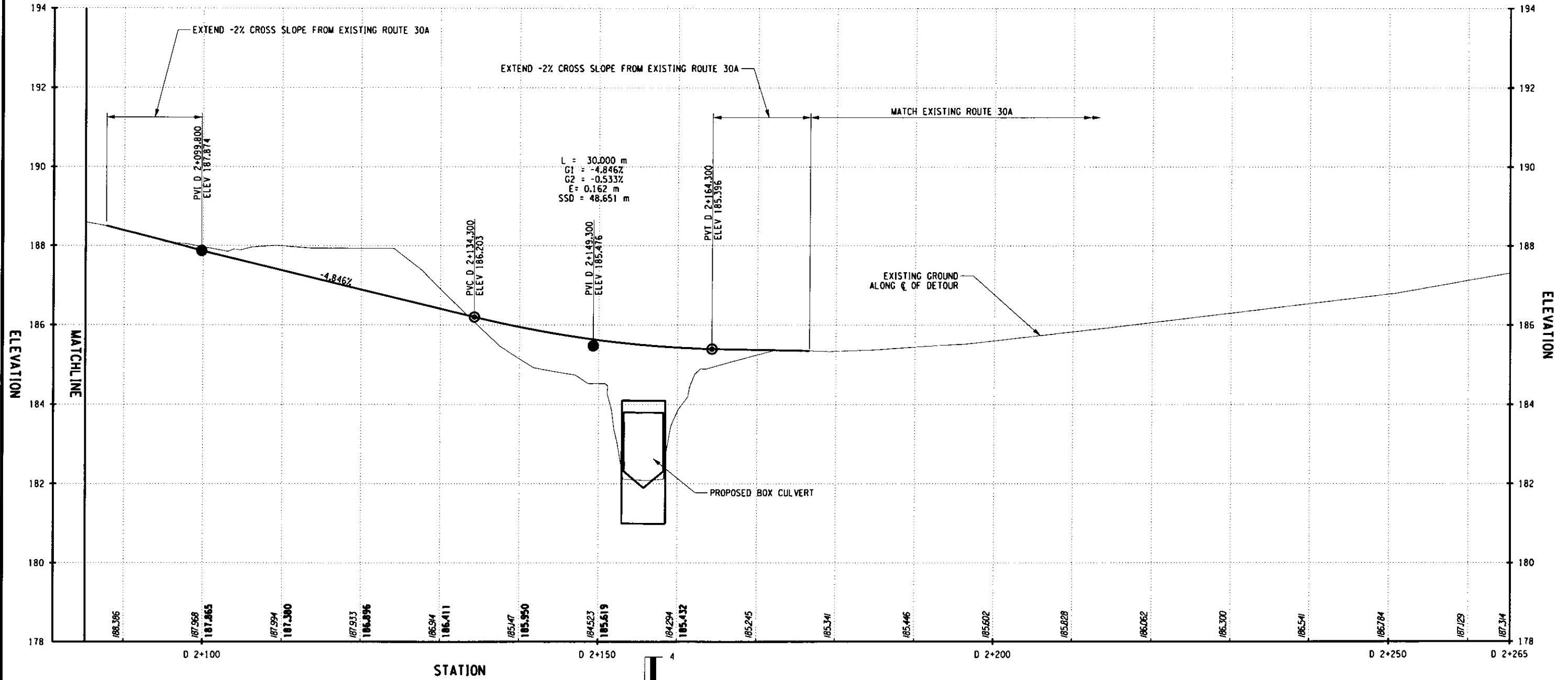
CONTRACT NUMBER D261326
 DRAWING NO. WZTC-9
 SHEET NO. 26

NOTE:
 1. SEE BOX CULVERT PLANS FOR ADDITIONAL INFORMATION.



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 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: JRM
 CHECKED BY: CJM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM

BOX CULVERT DETOUR PHASE 2



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

0 10 20 m

0 1 2 4

| | | | |
|----------------------------------|------------------|---------|----------|
| HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS |
| NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 |
| S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | |
| TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | |
| COUNTY: SCHOHARIE COUNTY | | | |

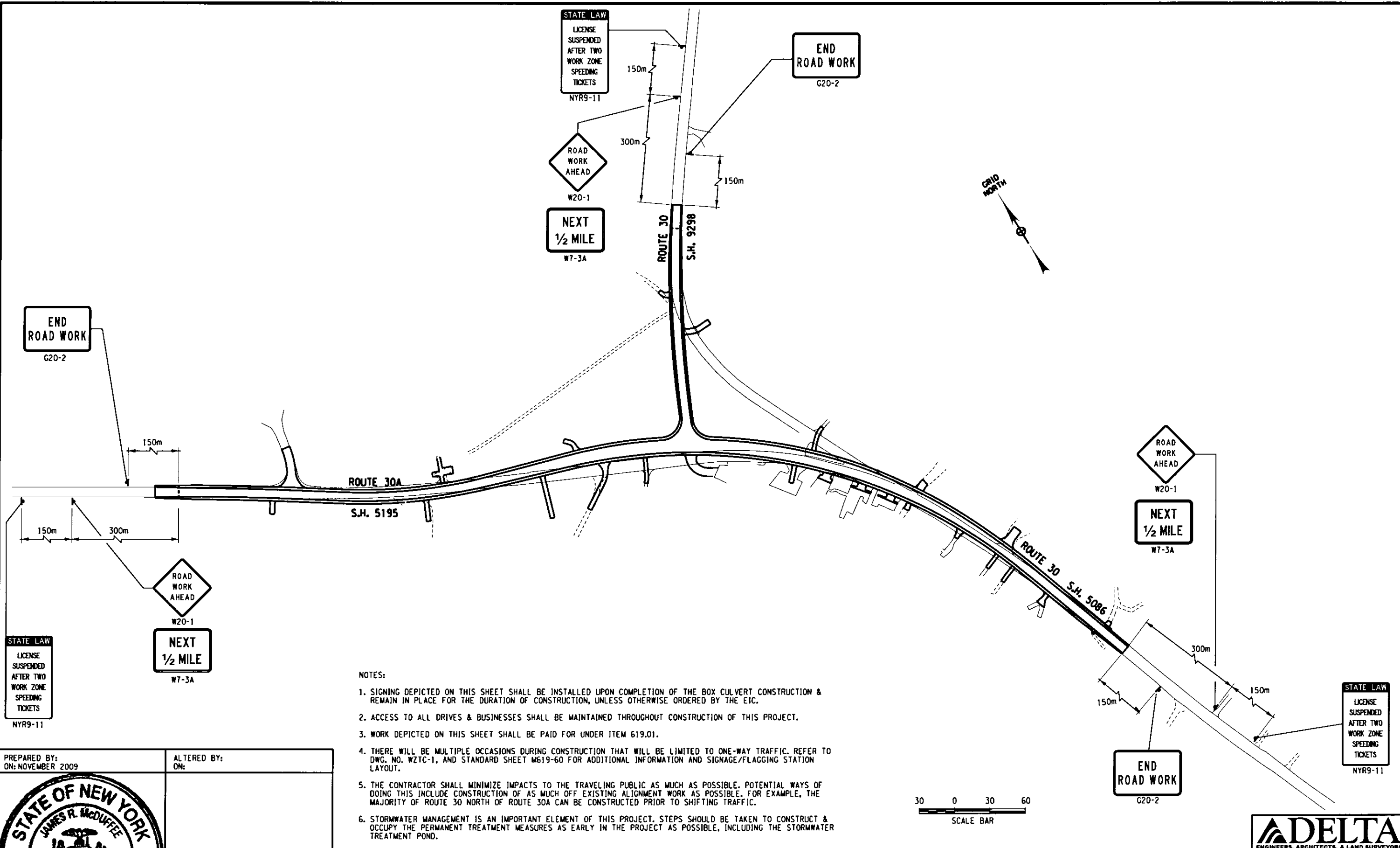
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| ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| ROUTES 30/30A INTERSECTION WORK ZONE TRAFFIC CONTROL-PHASE 2 PROFILES | D261326 |
| S.H. 5195 | DRAWING NO. WZTC-10 SHEET NO. 27 |

NOTE:
1. SEE BOX CULVERT PLANS FOR ADDITIONAL INFORMATION.

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

DOCUMENT NAME: 912505A.cph.pro.mpt.phase.2-2.dgn

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 DATE/TIME : 11/5/2009 11:23:48 AM
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 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM



NOTES:

- SIGNING DEPICTED ON THIS SHEET SHALL BE INSTALLED UPON COMPLETION OF THE BOX CULVERT CONSTRUCTION & REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION, UNLESS OTHERWISE ORDERED BY THE EIC.
- ACCESS TO ALL DRIVES & BUSINESSES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION OF THIS PROJECT.
- WORK DEPICTED ON THIS SHEET SHALL BE PAID FOR UNDER ITEM 619.01.
- THERE WILL BE MULTIPLE OCCASIONS DURING CONSTRUCTION THAT WILL BE LIMITED TO ONE-WAY TRAFFIC. REFER TO DWG. NO. WZTC-1, AND STANDARD SHEET M619-60 FOR ADDITIONAL INFORMATION AND SIGNAGE/FLAGGING STATION LAYOUT.
- THE CONTRACTOR SHALL MINIMIZE IMPACTS TO THE TRAVELING PUBLIC AS MUCH AS POSSIBLE. POTENTIAL WAYS OF DOING THIS INCLUDE CONSTRUCTION OF AS MUCH OFF EXISTING ALIGNMENT WORK AS POSSIBLE. FOR EXAMPLE, THE MAJORITY OF ROUTE 30 NORTH OF ROUTE 30A CAN BE CONSTRUCTED PRIOR TO SHIFTING TRAFFIC.
- STORMWATER MANAGEMENT IS AN IMPORTANT ELEMENT OF THIS PROJECT. STEPS SHOULD BE TAKEN TO CONSTRUCT & OCCUPY THE PERMANENT TREATMENT MEASURES AS EARLY IN THE PROJECT AS POSSIBLE, INCLUDING THE STORMWATER TREATMENT POND.

PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:



AS BUILT REVISIONS
 DESCRIPTION OF WORK:

 SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

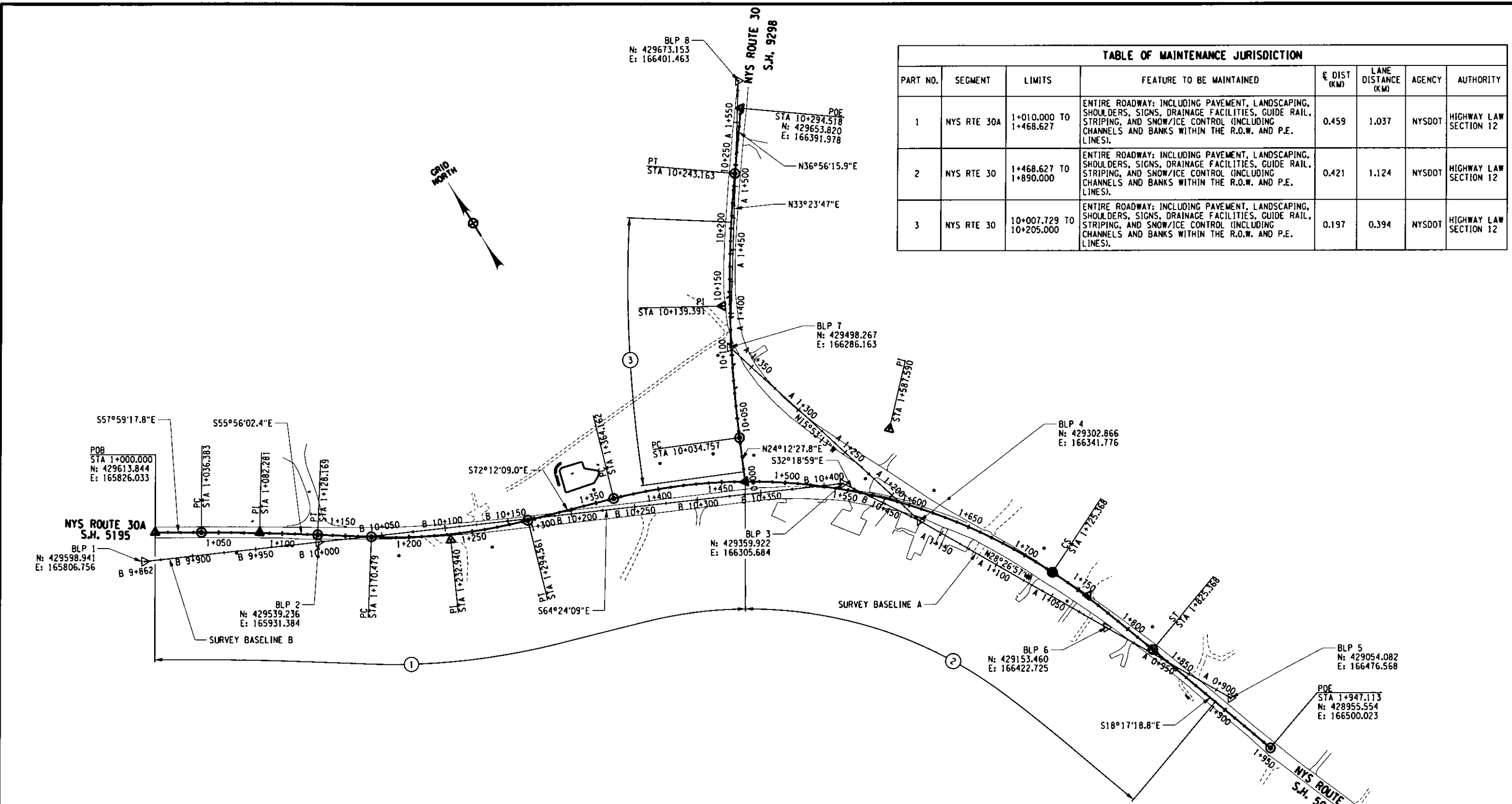
PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009
 BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
ROUTE 30/30A INTERSECTION WORK ZONE ADVANCE SIGNING
 CONSTRUCTION SEQUENCING NOTES
 S.H. 5086, 5195, & 9298
 CONTRACT NUMBER D261326
 DRAWING NO. WZTC-11
 SHEET NO. 28



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 USER = scoughn
 DESIGN SUPERVISOR JRM
 JOB MANAGER JRM
 DESIGNED BY CJM
 CHECKED BY JRM
 ESTIMATED BY JRM
 DRAFTED BY JLW
 CHECKED BY CJM/JRM

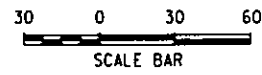
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| TABLE OF MAINTENANCE JURISDICTION | | | | | | | |
|-----------------------------------|-------------|--------------------------|---|-------------|--------------------|---------|------------------------|
| PART NO. | SEGMENT | LIMITS | FEATURE TO BE MAINTAINED | E DIST (KM) | LANE DISTANCE (KM) | AGENCY | AUTHORITY |
| 1 | NYS RTE 30A | 1+010.000 TO 1+468.627 | ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, SIGNS, DRAINAGE FACILITIES, GUIDE RAIL, STRIPING, AND SNOW/ICE CONTROL (INCLUDING CHANNELS AND BANKS WITHIN THE R.O.W. AND P.E. LINES). | 0.459 | 1.037 | NYS DOT | HIGHWAY LAW SECTION 12 |
| 2 | NYS RTE 30 | 1+468.627 TO 1+890.000 | ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, SIGNS, DRAINAGE FACILITIES, GUIDE RAIL, STRIPING, AND SNOW/ICE CONTROL (INCLUDING CHANNELS AND BANKS WITHIN THE R.O.W. AND P.E. LINES). | 0.421 | 1.124 | NYS DOT | HIGHWAY LAW SECTION 12 |
| 3 | NYS RTE 30 | 10+007.729 TO 10+205.000 | ENTIRE ROADWAY, INCLUDING PAVEMENT, LANDSCAPING, SHOULDERS, SIGNS, DRAINAGE FACILITIES, GUIDE RAIL, STRIPING, AND SNOW/ICE CONTROL (INCLUDING CHANNELS AND BANKS WITHIN THE R.O.W. AND P.E. LINES). | 0.197 | 0.394 | NYS DOT | HIGHWAY LAW SECTION 12 |

PREPARED BY: ON: NOVEMBER 2009

ALTERED BY: ON:



NOTE:
 ALL PRIVATELY OWNED FACILITIES WITHIN THE LIMITS OF THE HIGHWAY RIGHT-OF-WAY SHALL BE MAINTAINED BY THE AGENCY OR UNIT HAVING CONTROL AND JURISDICTION THEREOF AT NO COST TO THE STATE.

| | | | | | | |
|--|----------------------------------|--------------------------|---------|----------|--|-----------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | D261326 |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | DRAWING NO. SBSL-1 SHEET NO. 30 | |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | | |
| SIGNATURE | DATE | COUNTY: SCHOHARIE COUNTY | | | S.H. 5086, 5195, & 9298 | |

DOCUMENT NAME: 912505.cph.mjt.01.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9



FILE NAME = T:\1997\1997\104.003 NY Route 30 Intersections\Highway\912505.cph.mst.01.dgn
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 USER = ssonyghyn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JRM
 CHECKED BY: CJM, JRM

| DRAINAGE STRUCTURE TABLE | | | | | | | |
|--------------------------|------------------|----------------|--------------------|-----------------|--------------|-------------------------|--------------------------|
| STRUCTURE NUMBER | LOCATION | STRUCTURE TYPE | STRUCTURE ITEM NO. | TOP GRATE ELEV. | INVERT ELEV. | GRATE OR COVER ITEM NO. | REMARKS |
| DS-1 | 1+249.6, 11.3 LT | F | 604.300606 | 187.300 | 185.950 | 655.1106 | |
| DS-2 | 1+351.1, 5.7 LT | MH | 604.4072 | 188.662 | 184.976 | 655.1202 | |
| DS-3 | 1+250.7, 6.6 LT | G | 604.300706 | 188.237 | 185.637 | 655.1106 | |
| DS-4 | 1+190.0, 6.6 LT | G | 604.300706 | 189.329 | 187.068 | 655.1106 | |
| DS-5 | 1+150.0, 6.6 LT | F | 604.300606 | 190.544 | 188.885 | 655.1106 | |
| DS-6 | 1+114.2, 6.6 LT | F | 604.300606 | 191.675 | 190.050 | 655.1106 | |
| DS-7 | 1+070.0, 12.0 LT | F | 604.300606 | 191.734 | 190.384 | 655.1106 | |
| DS-8 | 1+711.9, 11.3 LT | F | 604.300611 | 197.132 | 195.160 | 655.1111 | |
| DS-9 | NOT USED | | | | | | |
| DS-10 | 1+360.0, 7.7 RT | G | 604.300711 | 188.367 | 186.532 | 655.1111 | |
| DS-10A | 1+400.0, 8.2 RT | G | 604.300706 | 188.918 | 187.268 | 655.1106 | |
| DS-11 | 1+440.0, 8.4 RT | F | 604.300606 | 189.944 | 188.294 | 655.1106 | |
| DS-12 | 1+488.4, 8.4 RT | F | 604.300606 | 191.677 | 190.027 | 655.1106 | |
| DS-13 | 1+540.0, 8.4 RT | F | 604.300606 | 193.701 | 192.051 | 655.1106 | |
| DS-14 | 1+630.0, 8.1 RT | F | 604.300606 | 196.203 | 194.848 | 655.1106 | |
| DS-15 | 1+673.7, 5.7 RT | MH | 604.4048 | 196.992 | 194.088 | 655.1202 | |
| DS-16 | 1+730.0, 4.9 RT | MH | 604.4048 | 197.339 | 194.391 | 655.1202 | |
| DS-17 | 1+823.3, 6.6 RT | F | 604.300606 | 196.529 | 194.879 | 655.1106 | |
| DS-18 | 1+823.3, 6.6 LT | F | 604.300606 | 196.639 | 195.004 | 655.1106 | |
| DS-19 | 1+630.0, 8.1 LT | F | 604.300606 | 196.907 | 195.282 | 655.1106 | |
| DS-20 | 10+132.4, 8.3 LT | F | 604.300606 | 196.877 | 195.745 | 655.1106 | |
| DS-21 | 1+330.7, 21.2 LT | K | 604.301111 | 186.500 | 183.390 | 655.1111 | SEE DETAIL DWG. NO. MD-2 |
| DS-22 | 1+509.7, 15.8 LT | MH | 604.4072 | 190.500 | 187.780 | 655.1202 | SEE DETAIL DWG. NO. MD-2 |

NOTE: UNLESS NOTED OTHERWISE, DRAINAGE STRUCTURE LOCATIONS ARE TO CENTER OF GRATE

| PERMANENT SURVEY MARKERS ITEM 625.06 (EA) | |
|---|----------|
| LOCATION | QUANTITY |
| CONTACT THE REGIONAL SURVEY UNIT FOR LOCATION OF PERMANENT SURVEY MARKERS | 6 EA. |

| TABLE OF CONCRETE ROW MARKERS (HIGH) ITEM 625.03 (EA) | |
|---|--|
| NOTE: ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS TOTAL: 17 EA | |
| | |


| TABLE OF CONCRETE ROW MARKERS (LOW) ITEM 625.04 (EA) | |
|---|--|
| NOTE: ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS TOTAL: 32 EA | |
| | |

| CULVERT TABLE | | | | | | | | | |
|----------------|---|--------------|---------------|----------------------------------|--------------------------|---------------------------|--|--------------------------------|--|
| CULVERT NUMBER | LOCATION (UPSTREAM TO DOWNSTREAM) | LENGTH # (m) | PIPE ITEM NO. | PIPE DESCRIPTION | INLET DRAINAGE STRUCTURE | OUTLET DRAINAGE STRUCTURE | INVERTS | REMARKS | |
| C-1 | 1+249.6, 11.3 LT 1+281.6, 10.1 LT | 32.4 | 603.6005 | 600mm RCP | DS-1 | BOX CULVERT | UPSTREAM INVERT = 186.025 DOWNSTREAM INVERT = 183.511 | | |
| C-2 | 1+351.1, 5.8 LT TO 1+360.7, 24.5 LT | 20.4 | 603.6009 | 900mm RCP | DS-2 | END SECTION | UPSTREAM INVERT = 185.101 DOWNSTREAM INVERT = 185.000 | END SECTION ITEM 603.7309 | |
| C-3 | 1+250.7, 6.6 LT TO 1+351.1, 5.8 LT | 100.8 | 603.6007 | 750mm RCP | DS-3 | DS-2 | UPSTREAM INVERT = 185.742 DOWNSTREAM INVERT = 185.251 | | |
| C-4 | 1+190.0, 6.6 LT TO 1+250.7, 6.6 LT | 60.0 | 603.6005 | 600mm RCP | DS-4 | DS-3 | UPSTREAM INVERT = 187.143 DOWNSTREAM INVERT = 186.076 | | |
| C-5 | 1+150.0, 6.6 LT TO 1+190.0, 6.6 LT | 40.8 | 603.6005 | 600mm RCP | DS-5 | DS-4 | UPSTREAM INVERT = 188.960 DOWNSTREAM INVERT = 187.769 | | |
| C-6 | 1+114.2, 6.6 LT TO 1+150.0, 6.6 LT | 36.0 | 603.6005 | 600mm RCP | DS-6 | DS-5 | UPSTREAM INVERT = 190.125 DOWNSTREAM INVERT = 188.985 | | |
| C-7 | 1+070.0, 12.0 LT TO 1+114.2, 6.6 LT | 45.6 | 603.6005 | 600mm RCP | DS-7 | DS-6 | UPSTREAM INVERT = 190.459 DOWNSTREAM INVERT = 190.236 | | |
| C-8 | 1+711.9, 11.3 LT TO 1+592.1, 15.6 LT | 123.6 | 603.6005 | 600mm RCP | DS-8 | END SECTION | UPSTREAM INVERT = 195.235 DOWNSTREAM INVERT = 194.619 | END SECTION ITEM 603.7305 | |
| C-9 | NOT USED | | | | | | | | |
| C-10 | 1+360.0, 7.7 RT TO 1+351.1, 5.8 LT | 15.6 | 603.6007 | 750mm RCP | DS-10 | DS-2 | UPSTREAM INVERT = 186.637 DOWNSTREAM INVERT = 186.560 | | |
| C-10A | 1+400.0, 8.1 RT TO 1+360.7, 7.8 RT | 39.6 | 603.6005 | 600mm RCP | DS-10A | DS-10 | UPSTREAM INVERT = 187.343 DOWNSTREAM INVERT = 186.817 | | |
| C-11 | 1+440.0, 8.6 RT TO 1+400.0, 8.1 RT | 39.6 | 603.6005 | 600mm RCP | DS-11 | DS-10A | UPSTREAM INVERT = 188.369 DOWNSTREAM INVERT = 187.368 | | |
| C-12 | 1+488.4, 8.6 RT TO 1+440.0, 8.6 RT | 48.0 | 603.6005 | 600mm RCP | DS-12 | DS-11 | UPSTREAM INVERT = 190.102 DOWNSTREAM INVERT = 188.394 | | |
| C-13 | 1+540.0, 8.4 RT TO 1+488.4, 8.4 RT | 51.6 | 603.6005 | 600mm RCP | DS-13 | DS-12 | UPSTREAM INVERT = 192.126 DOWNSTREAM INVERT = 190.127 | | |
| C-14 | 1+630.0, 8.1 RT TO 1+540.0, 8.4 RT | 88.8 | 603.6005 | 600mm RCP | DS-14 | DS-13 | UPSTREAM INVERT = 193.923 DOWNSTREAM INVERT = 192.151 | | |
| C-15 | 1+673.7, 5.7 RT TO 1+630.0, 8.1 RT | 43.2 | 603.6005 | 600mm RCP | DS-15 | DS-14 | UPSTREAM INVERT = 194.163 DOWNSTREAM INVERT = 193.948 | | |
| C-16 | 1+730.0, 5.1 RT TO 1+673.7, 5.7 RT | 56.4 | 603.6005 | 600mm RCP | DS-16 | DS-15 | UPSTREAM INVERT = 194.466 DOWNSTREAM INVERT = 194.188 | | |
| C-17 | 1+823.3, 6.6 RT TO 1+730.0, 5.1 RT | 93.6 | 603.6005 | 600mm RCP | DS-17 | DS-16 | UPSTREAM INVERT = 194.954 DOWNSTREAM INVERT = 194.491 | | |
| C-18 | 1+823.3, 6.6 LT TO 1+823.3, 6.6 RT | 13.2 | 603.6005 | 600mm RCP | DS-18 | DS-17 | UPSTREAM INVERT = 195.079 DOWNSTREAM INVERT = 194.979 | | |
| C-19 | 1+630.0, 8.1 LT TO 1+630.0, 8.1 RT | 16.8 | 603.6005 | 600mm RCP | DS-19 | DS-14 | UPSTREAM INVERT = 195.357 DOWNSTREAM INVERT = 194.653 | | |
| C-20 | 10+132.4, 8.3 LT TO 10+122.6, 8.9 LT | 9.4 | 603.6003 | 450mm RCP | DS-21 | END SECTION | UPSTREAM INVERT = 196.047 DOWNSTREAM INVERT = 196.000 | END SECTION ITEM 603.7303 | |
| C-21 | 1+290.9, 16.4 LT TO 1+330.0, 21.1 LT | 39.6 | 603.6006 | 675mm RCP | DS-21 | END SECTION | UPSTREAM INVERT = 184.490 DOWNSTREAM INVERT = 183.610 | END SECTION ITEM 603.7306 | |
| C-22 | 1+509.7, 15.8 LT TO 1+480.1, 27.7 RT | 51.6 | 603.6708 | 855mm X 1345mm ELLIPTICAL RCP | DS-22 | END SECTION | UPSTREAM INVERT = 189.128 DOWNSTREAM INVERT = 188.900 | END SECTION ITEM 08603.6708 | |
| CP-1 | 1+150.0, 10.8 RT TO 1+150.0, 6.5 LT | 18.6 | 603.6005 | 600mm RCP | END SECTION | DS-5 | UPSTREAM INVERT = 189.699 DOWNSTREAM INVERT = 188.994 | END SECTION ITEM 603.7305 | |
| CP-2 | 10+127.6, 9.1 RT TO 10+092.9, 9.9 LT | 39.6 | 603.6709 | 975mm X 1535mm ELLIPTICAL RCP | END SECTION | END SECTION | UPSTREAM INVERT = 194.640 DOWNSTREAM INVERT = 193.850 | END SECTION ITEM 08603.6709 | |
| DP-1 | 1+105.6, 13.4 RT TO 1+115.3, 13.4 RT | 10.8 | 603.6003 | 450mm RCP | END SECTION | END SECTION | UPSTREAM INVERT = 190.537 DOWNSTREAM INVERT = 190.361 | END SECTION ITEM 603.7303 | |
| DP-2 | 1+399.5, 28.7 RT TO 1+380.9, 30.8 RT | 18.0 | 603.6009 | 900mm RCP | END SECTION | END SECTION | UPSTREAM INVERT = 184.877 DOWNSTREAM INVERT = 183.736 | END SECTION ITEM 603.7309 | |
| DP-3 | 1+575.6, 18.5 LT TO 1+570.4, 18.7 LT | 6.0 | 603.6005 | 600mm RCP | END SECTION | END SECTION | UPSTREAM INVERT = 194.478 DOWNSTREAM INVERT = 194.122 | END SECTION ITEM 603.7305 | |

* QUANTITY ROUNDED UP TO THE NEAREST 1.2 m INTERVAL, MAY REQUIRE CUTTING OF PIPES AT DRAINAGE STRUCTURES

PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:



AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
NYS ROUTES 30/30A & 30/443
S.H. 5444, 5086, 5195 & 9298
TOWN OF SCHOHARIE
COUNTY: SCHOHARIE COUNTY

PIN 9125.05
PS&E DATE
NOVEMBER 5, 2009

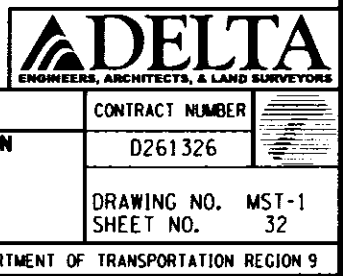
BRIDGES
CULVERTS C960062

CONTRACT NUMBER D261326

ROUTES 30/30A INTERSECTION
MISCELLANEOUS TABLES

S.H. 5086, 5195, & 9298

DRAWING NO. MST-1
SHEET NO. 32



FILE NAME = T:\1997\1997.104.003 NY Route 30 Intersections\NY RTE 30\Drawings\Highway\912505.cph.mst.02.dgn
 DATE/TIME = 11/13/2009 11:43:02 AM
 USER = ssoonyahyn
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGNED BY: JRM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: CUM/JRM

| ITEM 209.13 - TEMPORARY SILT FENCE | | | | | |
|------------------------------------|------|------------|------|---------|----------------------------|
| FROM STATION | SIDE | TO STATION | SIDE | LENGTH* | COMMENT |
| ROUTE 30A | | | | | |
| 1+009.9 | LT | 1+063.1 | LT | 53.4 | FOR ROUTE 30A CONSTRUCTION |
| 1+071.1 | LT | 1+105.2 | LT | 35.8 | FOR ROUTE 30A CONSTRUCTION |
| 1+159.9 | RT | 1+237.3 | RT | 87.0 | FOR ROUTE 30A CONSTRUCTION |
| 1+214.9 | LT | 1+252.2 | LT | 45.0 | FOR ROUTE 30A CONSTRUCTION |
| 1+242.8 | RT | 1+284.5 | RT | 64.1 | FOR ROUTE 30A CONSTRUCTION |
| 1+257.1 | LT | 1+276.5 | LT | 29.3 | FOR ROUTE 30A CONSTRUCTION |
| 1+301.7 | RT | 1+336.2 | RT | 59.8 | FOR ROUTE 30A CONSTRUCTION |
| 1+344.6 | RT | 1+378.4 | RT | 71.4 | FOR ROUTE 30A CONSTRUCTION |
| 1+370.4 | RT | 1+377.4 | RT | 11.6 | FOR ROUTE 30A CONSTRUCTION |
| 1+376.0 | RT | 1+402.8 | RT | 30.5 | FOR ROUTE 30A CONSTRUCTION |
| 1+403.4 | RT | 1+425.3 | RT | 31.0 | FOR ROUTE 30A CONSTRUCTION |
| 1+434.0 | RT | 1+477.6 | RT | 47.4 | FOR ROUTE 30A CONSTRUCTION |
| 1+479.4 | RT | 1+491.3 | RT | 13.9 | FOR ROUTE 30A CONSTRUCTION |
| 1+497.9 | RT | 1+555.2 | RT | 58.6 | FOR ROUTE 30A CONSTRUCTION |
| 1+563.6 | RT | 1+583.8 | RT | 21.8 | FOR ROUTE 30A CONSTRUCTION |
| ROUTE 30 | | | | | |
| 10+073.1 | LT | 10+090.0 | LT | 17.6 | FOR ROUTE 30 CONSTRUCTION |
| 10+092.1 | LT | 10+111.5 | LT | 20.3 | FOR ROUTE 30 CONSTRUCTION |
| 10+114.2 | LT | 10+115.5 | LT | 1.8 | FOR ROUTE 30 CONSTRUCTION |

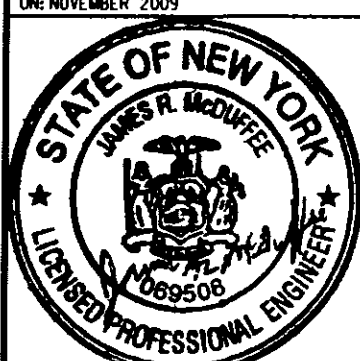
* TWO ROWS OF SILT FENCE SPACED 750mm APART. QUANTITY IS 2 X LENGTH.

| TABLE OF CLEAR ZONE WIDTHS | | | | |
|------------------------------------|-------------|------------------------------|----------------------------|--|
| START STATION | END STATION | RECOMMENDED CLEAR ZONE WIDTH | AVAILABLE CLEAR ZONE WIDTH | COMMENTS |
| ROUTE 30A | | | | |
| 1+010 RT | 1+154.0 RT | 7.6 | 7.6 | |
| 1+154.0 RT | 1+382.8 RT | 9.0 | 2.4 | FACE OF GUIDERAIL |
| 1+382.8 RT | 1+468.6 RT | 9.0 | 9.0 | |
| ROUTE 30 EAST OF ROUTE 30A | | | | |
| 1+010.0 LT | 1+211.8 LT | 9.0 | 9.0 | |
| 1+211.8 LT | 1+468.6 LT | 7.6 | 2.4 | FACE OF GUIDERAIL |
| ROUTE 30 NORTH OF ROUTE 30A | | | | |
| 1+468.6 RT | 1+709.0 RT | 9.0 | 7.5 | UTILITY POLE & TREES-NO ACCIDENT HISTORY |
| 1+709.0 RT | 1+774.5 RT | 9.0 | 7.5 | UTILITY POLE & TREES-NO ACCIDENT HISTORY |
| 1+774.5 RT | 1+861.2 RT | 9.0 | 9.0 | UTILITY POLE & TREES-NO ACCIDENT HISTORY |
| 1+861.2 RT | 1+890.0 RT | 9.0 | 0.9 | FACE OF GUIDERAIL |
| ROUTE 30 NORTH OF ROUTE 30A | | | | |
| 1+468.6 LT | 1+613.8 LT | 9.0 | 2.4 | FACE OF GUIDERAIL |
| 1+613.8 LT | 1+890.0 LT | 7.6 | 7.6 | |
| ROUTE 30 NORTH OF ROUTE 30A | | | | |
| 10+007.7 LT | 10+111.6 LT | 7.6 | 1.8 | FACE OF GUIDERAIL |
| 10+111.6 LT | 10+132.2 LT | 9.0 | 5.8 | TREES-NO ACCIDENT HISTORY |
| 10+132.2 LT | 10+205.0 LT | 7.6 | 6.4 | TREES-NO ACCIDENT HISTORY |
| ROUTE 30 NORTH OF ROUTE 30A | | | | |
| 10+002.7 RT | 10+140.4 RT | 9.0 | 1.8 | FACE OF GUIDERAIL |
| 10+140.4 RT | 10+205.0 RT | 7.6 | 7.6 | |

| UTILITY DISPOSITION TABLE | | | | |
|---------------------------|---------|-----------------------|---|---|
| STATION | OFFSET | OWNER | POLE NUMBER/DESCRIPTION | DISPOSITION |
| 1+004.5 | 10.2 RT | NATIONAL GRID | NM 60, MT-47 | NOT IMPACTED |
| 1+007.1 | 12.1 RT | MIDDLEBURGH TELEPHONE | POLE DROP ON NM 60, MTCO 47 | NOT IMPACTED |
| 1+064.4 | 9.4 RT | NATIONAL GRID | NM 59, MT-46 | TO BE RELOCATED BY OWNER |
| 1+064.4 | 9.4 RT | MIDDLEBURGH TELEPHONE | POLE DROP ON NM 59, MT-46 | TO BE RELOCATED BY OWNER |
| 1+073.0 | 18.2 LT | BOCES | SEWER MANHOLE | NOT IMPACTED |
| 1+095.2 | 49.7 LT | BOCES | SEWER MANHOLE | NOT IMPACTED |
| 1+103.5 | 54.8 LT | NATIONAL GRID | ELECTRIC JUNCTION BOX | NOT IMPACTED |
| 1+104.8 | 54.5 LT | BOCES | SEWER MANHOLE | NOT IMPACTED |
| 1+107.7 | 17.2 LT | BOCES | BOCES SIGN (LIGHTED) | NOT IMPACTED |
| 1+110.3 | 25.8 LT | BOCES | SEWER MANHOLE | NOT IMPACTED |
| 1+112.5 | 17.5 LT | BOCES | SEWER MANHOLE | NOT IMPACTED |
| 1+114.2 | 13.5 LT | BOCES | SEWER MANHOLE | TO BE REPLACED DURING CONSTRUCTION BY CONTRACTOR |
| 1+115.2 | 11.1 RT | BOCES | SEWER MANHOLE | TO BE RELOCATED DURING CONSTRUCTION BY CONTRACTOR |
| 1+125.2 | 38.6 LT | PRIVATE OWNER | UNLABELED POLE | NOT IMPACTED |
| 1+129.0 | 7.3 RT | NATIONAL GRID | NM-58, MTCO 44 | TO BE RELOCATED BY OWNER |
| 1+185.9 | 12.7 LT | NATIONAL GRID | NM-57-1, MTCO 1, 3000 | NOT IMPACTED |
| 1+191.9 | 5.4 RT | NATIONAL GRID | NM-57, MTCO 43, 3000 | TO BE RELOCATED BY OWNER |
| 1+213.7 | 21.9 LT | NATIONAL GRID | NM-57-1A, MTCO-1-1 | NOT IMPACTED |
| 1+238.8 | 16.2 LT | PRIVATE OWNER | WELL | NOT IMPACTED |
| 1+263.5 | 5.3 RT | NATIONAL GRID | NM-56, MTCO 42 | TO BE RELOCATED BY OWNER |
| 1+311.6 | 12.0 RT | NATIONAL GRID | NM-55, MTCO 41 | TO BE REPLACED/RELOCATED BY OWNER |
| 1+350.7 | 6.7 LT | NATIONAL GRID | NM-53, MTCO 39, 3000 | TO BE RELOCATED BY OWNER |
| 1+351.4 | 17.9 RT | NATIONAL GRID | NM-54, MTCO 40, 3000 | TO BE REPLACED/RELOCATED BY OWNER |
| 1+404.2 | 1.4 RT | NATIONAL GRID | NM-52, MTCO 38 | TO BE RELOCATED BY OWNER |
| 1+435.4 | 33.2 RT | NATIONAL GRID | NM-51-1 | NOT IMPACTED |
| 1+460.6 | 3.3 RT | NATIONAL GRID | NM-51, MTCO 37 | TO BE RELOCATED BY OWNER |
| 1+510.8 | 1.2 LT | NATIONAL GRID | NM-50, MTCO 36 | TO BE RELOCATED BY OWNER |
| 1+547.4 | 8.0 LT | NATIONAL GRID | NM 49, MTCO 35 | TO BE RELOCATED BY OWNER |
| 1+588.2 | 19.9 LT | NATIONAL GRID | NM 48, MTCO 34 | TO BE REPLACED/RELOCATED BY OWNER |
| 1+604.9 | 33.5 LT | PRIVATE OWNER | WELL | NOT IMPACTED |
| 1+609.3 | 40.9 RT | PRIVATE OWNER | WELL | NOT IMPACTED |
| 1+609.6 | 25.0 RT | PRIVATE OWNER | WELL | NOT IMPACTED |
| 1+630.2 | 12.8 LT | NATIONAL GRID | NM 47, MTCO 33 | TO BE RELOCATED BY OWNER |
| 1+673.7 | 4.9 LT | NATIONAL GRID | NM 46, MTCO 32 | TO BE RELOCATED BY OWNER |
| 1+676.5 | 9.3 LT | SCHOHARIE COUNTY | WARNING SIREN ON UNLABELED WOOD POLE (OPERATED BY SCHOHARIE COUNTY EMS) | TO BE RELOCATED DURING CONSTRUCTION BY CONTRACTOR |
| 1+709.0 | 11.4 RT | NATIONAL GRID | NM 45S, MTCO 31 | TO BE RELOCATED BY OWNER |
| 1+712.0 | 2.8 LT | NATIONAL GRID | NM 45, MTCO 2, 31/3000 | TO BE RELOCATED BY OWNER |
| 1+747.0 | 2.4 LT | NATIONAL GRID | NM 44, MTCO 30 | TO BE RELOCATED BY OWNER |
| 1+756.3 | 15.2 RT | PRIVATE OWNER | UNLABELED POLE | NOT IMPACTED |
| 1+768.6 | 15.3 RT | PRIVATE OWNER | UNLABELED POLE | NOT IMPACTED |
| 1+782.4 | 4.6 LT | NATIONAL GRID | NM 43, MTCO 29 | TO BE RELOCATED BY OWNER |
| 1+785.3 | 13.3 RT | NATIONAL GRID | NM 43 1/2, MTCO 29-1 | NOT IMPACTED |
| 1+813.7 | 7.6 LT | NATIONAL GRID | NM 42, MTCO 28 | TO BE RELOCATED BY OWNER |
| 1+836.5 | 21.4 LT | PRIVATE OWNER | WELL | NOT IMPACTED |
| 1+871.6 | 8.8 LT | NATIONAL GRID | NM 41, MTCO 27 | ADD GUY POLE |
| 10+071.6 | 37.6 RT | NATIONAL GRID | NM 1-2 | NOT IMPACTED |
| 10+089.9 | 5.4 RT | NATIONAL GRID | NM 1-1, MTCO 2-1 | TO BE RELOCATED BY OWNER |

PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:



AS BUILT REVISIONS DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED
ROUTES 30/30A INTERSECTION MISCELLANEOUS TABLES
 S.H. 5086, 5195, & 9298

CONTRACT NUMBER D261326
 DRAWING NO. MST-2 SHEET NO. 33



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 USER = ssoyghyn
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM

TABLE OF UNDERDRAIN

| LOCATION | | | | ITEM NO. | | | |
|-----------------------------------|------------|------|---------------------|---------------|--------------|-----------------|---------------|
| FROM STATION | TO STATION | SIDE | OUTLET | 605.0901 (CM) | 605.1701 (M) | 08605.2101 (EA) | 646.0602 (EA) |
| ROUTE 30A | | | | | | | |
| 1+114.1 | 1+041.3 | LT | DS-6 | 12.6 | 73.0 | | |
| 1+150.0 | 1+115.2 | LT | DS-5 | 6.0 | 35.0 | | |
| 1+190.0 | 1+150.0 | LT | DS-4 | 6.8 | 39.7 | 1 | 1 |
| 1+250.8 | 1+190.1 | LT | DS-3 | 10.3 | 60.1 | | |
| 1+276.7 | 1+250.8 | LT | ROADSIDE EMBANKMENT | 4.9 | 28.5 | 1 | 1 |
| 1+350.6 | 1+269.3 | LT | DS-2 | 17.1 | 81.3 | | |
| 1+351.5 | 1+405.6 | LT | DS-2 | 9.5 | 57.2 | | |
| 1+402.1 | 10+034.8 | LT | DITCH | 14.1 | 82.1 | 1 | 1 |
| 1+149.5 | 1+043.8 | RT | DITCH | 18.6 | 108.4 | 1 | 1 |
| 1+360.1 | 1+143.1 | RT | DITCH | 37.7 | 219.0 | 1 | 1 |
| 1+360.1 | 1+399.3 | RT | DS-10 | 6.7 | 38.9 | | |
| 1+400.6 | 1+440.1 | RT | DS-10A | 6.7 | 39.1 | | |
| 1+440.0 | 1+488.1 | RT | DS-11 | 8.2 | 47.5 | | |
| ROUTE 30 EAST OF ROUTE 30A | | | | | | | |
| 1+488.4 | 1+540.1 | RT | DS-12 | 8.8 | 51.0 | | |
| 1+540.3 | 1+630.2 | RT | DS-13 | 15.2 | 88.5 | | |
| 1+630.2 | 1+673.2 | RT | DS-14 | 7.3 | 42.6 | | |
| 1+673.7 | 1+730.1 | RT | DS-15 | 9.6 | 55.9 | | |
| 1+730.3 | 1+823.1 | RT | DS-16 | 16.0 | 92.9 | | |
| 1+823.1 | 1+847.8 | RT | DS-17 | 4.2 | 24.7 | | |
| 1+504.5 | 10+035.3 | LT | WETLAND | 9.9 | 57.5 | | |
| 1+510.2 | 1+587.6 | LT | WETLAND | 13.9 | 80.6 | 1 | 1 |
| 1+582.5 | 1+660.8 | LT | DITCH | 14.1 | 82.1 | 1 | 1 |
| 1+659.4 | 1+742.3 | LT | DITCH | 14.7 | 85.6 | 1 | 1 |
| 1+740.6 | 1+823.2 | LT | DITCH | 14.5 | 84.2 | 1 | 1 |
| 1+823.3 | 1+861.9 | LT | DS-18 | 6.7 | 38.8 | | |
| ROUTE 30 | | | | | | | |
| 10+029.7 | 10+101.0 | LT | DITCH | 12.7 | 73.8 | 1 | 1 |
| 10+095.5 | 10+185.6 | LT | DITCH | 16.1 | 93.4 | 1 | 1 |
| 10+062.6 | 10+136.6 | RT | WETLAND | 9.0 | 52.2 | 1 | 1 |
| 10+134.4 | 10+185.6 | RT | DITCH | 13.9 | 81.0 | 1 | 1 |
| | | | | TOTAL | 343.1 | 1994.6 | 13 |

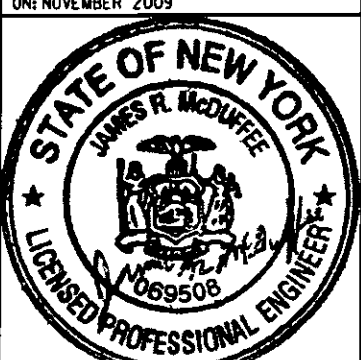
ITEM 605.0901 - UNDERDRAIN FILTER, TYPE I
 ITEM 605.1701 - OPTIONAL UNDERDRAIN PIPE, 100mm DIAMETER
 ITEM 08605.2101 - PRECAST CONCRETE HEADWALL FOR 100mm OUTLET PIPE
 ITEM 646.0602 - DELINEATOR, SINGLE UNIT, BACK TO BACK ON POST

TABLE OF TREE/VEGETATION PROTECTION BARRIER - ITEM 08615.0402 (m)

| LOCATION | OFFSET | QUANTITY (m) |
|----------------------|----------|--------------|
| * 1+238.8 | 16.2 LT | 8 |
| * 10+041.9 | 62.6 RT | 8 |
| 10+058.2 | 45.4 RT | 8 |
| * 10+068.9 | 38.2 RT | 8 |
| 10+116.3 TO 10+126.6 | 10.7: LT | 10.5 |
| 10+136.2 | 10.2 LT | 8 |
| TOTAL | | 50.5 |

* - REQUIRES WORK RELEASE PRIOR TO INSTALLATION. COORDINATE WITH EIC.

PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:



AS BUILT REVISIONS
 DESCRIPTION OF WORK:

 SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE
 NOVEMBER 5, 2009

BRIDGES CULVERTS C960062

ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED
ROUTES 30/30A INTERSECTION MISCELLANEOUS TABLES
 S.H. 5086, 5195, & 9298

CONTRACT NUMBER D261326
 DRAWING NO. MST-3
 SHEET NO. 34

DOCUMENT NAME: 912505.cph.mst.03.dgn

TOPSOIL, ITEM 613.02 (100mm THICK)

| FROM STATION | TO STATION | SIDE |
|------------------|------------|------|
| ROUTE 30A | | |
| 1+007:2 | 1+108:2 | RT |
| 1+112:2 | 1+238:2 | RT |
| 1+241:2 | 1+338:2 | RT |
| 1+341:2 | 1+390:2 | RT |
| 1+397:2 | 1+428:2 | RT |
| 1+432:2 | 1+481:2 | RT |
| 1+482:2 | 1+558:2 | RT |
| 1+562:2 | 1+586:2 | RT |
| 1+593:2 | 1+617:2 | RT |
| 1+625:2 | 1+645:2 | RT |
| 1+652:2 | 1+663:2 | RT |
| 1+667:2 | 1+714:2 | RT |
| 1+717:2 | 1+752:2 | RT |
| 1+755:2 | 1+770:2 | RT |
| 1+772:2 | 1+807:2 | RT |
| 1+810:2 | 1+860:2 | RT |
| 1+861:2 | 1+890:2 | RT |
| 1+010:2 | 1+121:2 | LT |
| 1+128:2 | 1+254:2 | LT |
| 1+257:2 | 1+460:2 | LT |
| 1+471:2 | 1+571:2 | LT |
| 1+574:2 | 1+665:2 | LT |
| 1+672:2 | 1+751:2 | LT |
| 1+758:2 | 1+862:2 | LT |
| 1+866:2 | 1+890:2 | LT |
| ROUTE 30 | | |
| 10+010:2 | 10+127:2 | LT |
| 10+132:2 | 10+186:2 | LT |
| 10+005:2 | 10+094:2 | RT |
| 10+099:2 | 10+186:2 | RT |

TABLE OF CHECK DAM, STONE - TEMPORARY ITEM 209.110102 (EA)

| LOCATIONS | |
|-----------------------|-------------|
| ROUTE 30A | ROUTE 30 |
| 1+076.3 RT | 10+036.3 LT |
| 1+119.2 RT | 10+050.1 LT |
| 1+221.1 LT | 10+061.8 LT |
| 1+232.0 LT | 10+136.2 RT |
| 1+379.8 LT | 10+148.8 RT |
| 1+409.3 LT | 10+161.3 RT |
| 1+433.3 LT | 10+172.8 RT |
| 1+450.9 LT | |
| TOTAL = 15 EA. | |

SEE DWG. NO.'S ESCP-1 THROUGH ESCP-8 FOR LOCATIONS



FILE NAME = T:\1997\1997\104\003 NY Route 30 Intersections\Highway\912505.cph.mst.04.dgn
 DATE/TIME = 11/5/2009 11:22:40 AM
 USER = s39y5hgn
 DESIGN SUPERVISOR JRM
 JOB MANAGER JRM
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM
 ESTIMATED BY:

| TABLE OF SNOWPLOWING MARKERS | | | | | |
|------------------------------|----------|--------------------|--------------------|--------------------|----|
| STATION TO STATION | SIDE | ITEM 646.0801 (EA) | ITEM 646.0802 (EA) | ITEM 646.0803 (EA) | |
| 1+174.5 | 1+221.1 | RT | 1 | 1 | 2 |
| 1+225.4 | 1+246.0 | LT | 1 | 1 | 0 |
| 1+258.1 | 1+324.4 | RT | 1 | 1 | 2 |
| 1+266.2 | 1+357.9 | LT | 1 | 1 | 2 |
| 1+350.3 | 1+373.6 | RT | 1 | 1 | 0 |
| 1+377.4 | 10+111.6 | LT | 1 | 1 | 5 |
| 1+431.7 | 10+037.4 | LT TO RT | 0 | 0 | 9 |
| 1+581.5 | 1+595.3 | LT | 1 | 1 | 0 |
| 10+085.3 | 1+559.3 | RT TO LT | 1 | 1 | 5 |
| 10+103.7 | 10+124.7 | RT | 1 | 1 | 0 |
| TOTALS= | | | 9 | 9 | 20 |

ITEM 646.0801 - SNOWPLOWING MARKER, SINGLE UNIT
 ITEM 646.0802 - SNOWPLOWING MARKER, DOUBLE UNIT
 ITEM 646.0803 - SUPPLEMENTARY SNOWPLOWING MARKER

| TABLE OF DELINEATORS | | | | | |
|----------------------|----------|-------|-------------|--------------------|----|
| STATION TO STATION | SIDE | COLOR | SPACING (M) | ITEM 646.0601 (EA) | |
| 1+045.0 | 1+225.6 | LT | WHITE | 60.0 | 3 |
| 1+056.9 | 1+117.2 | RT | WHITE | 60.0 | 2 |
| 1+235.7 | 1+244.8 | RT | WHITE | 9.0 | 2 |
| 1+251.6 | 1+258.5 | LT | WHITE | 7.0 | 2 |
| 1+334.0 | 1+343.4 | RT | WHITE | 6.5 | 2 |
| 1+370.1 | 1+377.6 | LT | WHITE | 7.6 | 2 |
| 1+373.7 | 1+859.5 | RT | WHITE | 60.0 | 8 |
| 1+445.1 | 10+023.4 | LT | WHITE | 6.0 | 5 |
| 1+569.7 | 1+575.8 | LT | WHITE | 6.0 | 2 |
| 1+595.3 | 1+835.4 | LT | WHITE | 60.0 | 4 |
| 10+023.4 | 10+154.2 | RT | WHITE | 60.0 | 2 |
| 10+093.1 | 10+101.2 | RT | WHITE | 8.0 | 2 |
| 10+124.7 | 10+184.8 | RT | WHITE | 60.0 | 2 |
| TOTAL= | | | | | 38 |

| REFERENCE MARKER LOCATION TABLE | | | | |
|---------------------------------|------|--------------|--------------------|---|
| STATION | SIDE | DESCRIPTION | ITEM 646.0701 (EA) | |
| 1+588.4 | RT | 30 9502 1289 | 1 | |
| 1+588.4 | LT | 30 9502 1289 | 1 | |
| 1+745.8 | RT | 30 9502 1288 | 1 | |
| 1+745.8 | LT | 30 9502 1288 | 1 | |
| 10+049.2 | RT | 30 9502 1290 | 1 | |
| 10+049.2 | LT | 30 9502 1290 | 1 | |
| TOTAL= | | | | 6 |

| ITEM 685.11-WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES (0.51mm) | | | | | | |
|---|----------|-------------|---------------------------|------------|------------|--------|
| STATION TO STATION | SIDE | DESCRIPTION | LENGTH (M) | PAY FACTOR | PAY LENGTH | |
| ROUTE 30A | | | | | | |
| 1+010.0 | 1+890.0 | RT | SHOULDER | 876.4 | 1 | 876.4 |
| 1+280.0 | 1+415.0 | RT | DOTTED LINE | 134.9 | 0.25 | 33.7 |
| 1+415.0 | 1+460.0 | RT | THRU/TURNING LANE DIVIDER | 44.8 | 1 | 44.8 |
| 1+477.1 | 1+605.0 | LT | THRU/TURNING LANE DIVIDER | 128.4 | 1 | 128.4 |
| 1+605.0 | 1+740.0 | LT | DOTTED LINE | 135.3 | 0.25 | 33.8 |
| 1+010.0 | 1+445.2 | LT | SHOULDER | 435.3 | 1 | 435.3 |
| 1+486.5 | 1+890.0 | LT | SHOULDER | 406.7 | 1 | 406.7 |
| ROUTE 30 | | | | | | |
| 10+010.4 | 10+010.4 | LT-€ | STOP BAR | 12.1 | 6 | 72.6 |
| 10+002.7 | 10+205.7 | RT | SHOULDER | 209.9 | 1 | 209.9 |
| 10+007.7 | 10+205.5 | LT | SHOULDER | 210.1 | 1 | 210.1 |
| TOTAL = | | | | | | 2451.7 |

| ITEM 685.12-YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES (0.51mm) | | | | | | |
|--|----------|-------------|--------------|------------|------------|--------|
| STATION TO STATION | SIDE | DESCRIPTION | LENGTH (M) | PAY FACTOR | PAY LENGTH | |
| ROUTE 30A | | | | | | |
| 1+010.0 | 1+460.0 | €-LT | FULL BARRIER | 450.4 | 2 | 900.8 |
| 1+477.1 | 1+890.0 | RT-€ | FULL BARRIER | 412.1 | 2 | 824.2 |
| ROUTE 30 | | | | | | |
| 10+010.1 | 10+205.6 | € | FULL BARRIER | 195.5 | 2 | 391.0 |
| TOTAL = | | | | | | 2116.0 |

| GUIDE RAIL TO BE REMOVED | | | | | |
|--------------------------|------------|----------|------------|------------|--|
| € LOCATION | | | | | |
| FROM STATION | TO STATION | SIDE | 606.70 (m) | 606.73 (m) | |
| ROUTE 30 | | | | | |
| 1+261.4 | 1+327.8 | LT | | 66.4 | |
| 1+480.4 | 1+495.9 | RT | 15.1 | | |
| 1+489.0 | 1+549.2 | RT TO LT | 60.2 | | |
| 1+859.8 | 1+946.7 | RT | | 86.8 | |
| 1+873.3 | 1+949.4 | LT | | 77.0 | |
| TOTALS = | | | 75.3 | 230.2 | |


ITEM 606.70 - REMOVING AND DISPOSING CABLE GUIDE RAILING
 ITEM 606.73 - REMOVING AND DISPOSING BOX BEAM GUIDE RAILING

| TABLE OF MAILBOXES ITEM 619.27 (EA) | | |
|-------------------------------------|----------|---|
| LOCATION | QUANTITY | |
| 1+114.5: LT | 1 | |
| 1+240.3: LT | 1 | |
| 1+389.8: RT | 1 | |
| 1+661.5: RT | 1 | |
| 1+673.7: LT | 3 | |
| 1+759.6: RT | 1 | |
| TOTAL = | | 8 |

| GUIDE RAIL TO BE INSTALLED | | | | | | | | | | |
|---|------------|------|------------------|----------------|------------|----------------|---------------|---------------|---------------|--|
| € LOCATION | | | | ITEMS | | | | | | |
| FROM STATION | TO STATION | SIDE | POST SPACING (m) | PAYMENT FACTOR | 606.10 (m) | 606.100001 (m) | 606.1201 (ea) | 606.1202 (ea) | 606.1203 (ea) | COMMENT |
| ROUTE 30A | | | | | | | | | | |
| 1+154.0 | 1+156.0 | RT | | 1 | | | 1 | | | |
| 1+156.0 | 1+177.3 | RT | | 1 | | 21.95 | | | | R = 62.56 |
| 1+177.3 | 1+227.9 | RT | 1.83 | 1 | 51.2 | | | | | |
| 1+227.9 | 1+235.9 | RT | | 1 | | | 1 | | | |
| 1+244.7 | 1+252.7 | RT | | 1 | | | | 1 | | |
| 1+252.7 | 1+329.0 | RT | 1.83 | 1 | 76.9 | | | | | |
| 1+329.0 | 1+337.2 | RT | | 1 | | | | 1 | | |
| 1+343.2 | 1+351.4 | RT | | 1 | | | | | 1 | |
| 1+351.4 | 1+358.8 | RT | 1.83 | 1 | 7.3 | | | | | |
| 1+358.8 | 1+380.6 | RT | | 1 | | 21.95 | | | | R = 62.56 |
| 1+380.6 | 1+382.8 | RT | | 1 | | | | 1 | | |
| 1+211.8 | 1+213.9 | LT | | 1 | | | | | 1 | |
| 1+213.9 | 1+236.0 | LT | | 1 | | 23.78 | | | | R = 62.56 |
| 1+236.0 | 1+243.4 | LT | 1.83 | 1 | 5.5 | | | | | |
| 1+243.4 | 1+251.8 | LT | | 1 | | | | 1 | | |
| 1+258.3 | 1+266.7 | LT | | 1 | | | | | 1 | |
| 1+266.7 | 1+362.2 | LT | 1.83 | 1 | 95.2 | | | | | |
| 1+362.2 | 1+370.3 | LT | | 1 | | | | | 1 | |
| ROUTE 30A TO ROUTE 30 NORTH OF 30A | | | | | | | | | | |
| 1+377.4 | 1+385.4 | LT | | 1 | | | | | 1 | |
| 1+385.4 | 1+445.1 | LT | 1.83 | 1 | 60.7 | | | | | |
| 1+445.1 | 10+026.2 | LT | | 1 | | 26.39 | | | | R = 16.05 |
| 10+026.2 | 10+094.1 | LT | 1.83 | 1 | 70.4 | | | | | |
| 10+094.1 | 10+108.9 | LT | | 1 | | | | | 1 | TAKE CARE TO AVOID STORM PIPE WHEN DRIVING POSTS |
| ROUTE 30 EAST OF ROUTE 30A | | | | | | | | | | |
| 1+575.7 | 1+583.7 | LT | | 1 | | | | | 1 | |
| 1+583.7 | 1+590.9 | LT | 1.83 | 1 | 5.5 | | | | | |
| 1+590.9 | 1+611.8 | LT | | 1 | | 23.78 | | | | R = 62.56 |
| 1+611.8 | 1+613.8 | LT | | 1 | | | | | 1 | |
| ROUTE 30 NORTH OF ROUTE 30A | | | | | | | | | | |
| 10+101.0 | 10+109.3 | RT | | 1 | | | | | 1 | |
| 10+109.3 | 10+138.4 | RT | 1.83 | 1 | 29.1 | | | | | |
| 10+138.3 | 10+153.5 | RT | | 1 | | | | | 1 | |
| ROUTE 30 NORTH OF ROUTE 30A TO EAST OF 30A | | | | | | | | | | |
| 10+093.3 | 10+085.0 | RT | | 1 | | | | | 1 | |
| 10+085.0 | 10+021.0 | RT | 1.83 | 1 | 63.7 | | | | | |
| 10+021.0 | 1+486.4 | RT | 1.83 | 1 | 22.5 | | | | | R = 16.05 |
| 1+486.4 | 1+561.7 | LT | 1.83 | 1 | 76.7 | | | | | |
| 1+561.7 | 1+569.7 | LT | | 1 | | | | | 1 | |
| TOTALS = | | | | | 542.22 | 140.35 | 4 | 12 | 2 | |

ITEM 606.10 - BOX BEAM GUIDE RAILING
 ITEM 606.100001 - BOX BEAM GUIDE RAILING (SHOP CURVED)
 ITEM 606.1201 - BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE I
 ITEM 606.1202 - BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE II
 ITEM 606.1203 - BOX BEAM GUIDE RAILING END ASSEMBLY, TYPE III

PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:



| | | | | | | |
|---|----------------------------------|--------------------------|---------|----------|--|--------------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | ROUTES 30/30A INTERSECTION MISCELLANEOUS TABLES | D261326 |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | | |
| SIGNATURE | DATE | COUNTY: SCHOHARIE COUNTY | | | S.H. 5086, 5195, & 9298 | DRAWING NO. MST-4 SHEET NO. 35 |

DOCUMENT NAME: 912505.cph.mst.04.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9



FILE NAME = T:\1997\1997.104.003 NY Route 30 Intersections\Highway\912505.cph.mst.05.dgn
 DATE/TIME = 11/5/2009 11:22:46 AM
 USER = saogshyn
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM
 JOB MANAGER: JRM
 DESIGN SUPERVISOR: JRM

ROUTE 30A

CURVE 1
 PC STA. 1+036.383
 PT STA. 1+128.281
 $\Delta = 2^{\circ}03'15.4''$ RT.
 $Dc = 2^{\circ}14'17.2''$
 R = 2560.0 m
 L = 91.786 m
 T = 45.898 m
 Ec = 0.411 m
 BK. TAN = $S57^{\circ}59'17.8''$ E
 AHD. TAN = $S55^{\circ}56'02.4''$ E
 $eMAX = 6\%$

CURVE 2
 PC STA. 1+170.479
 PT STA. 1+294.561
 $\Delta = 16^{\circ}16'06.7''$ LT.
 $Dc = 13^{\circ}06'40.2''$
 R = 437.0 m
 L = 124.081 m
 T = 62.461 m
 Ec = 4.441 m
 BK. TAN = $S55^{\circ}56'02.4''$ E
 AHD. TAN = $S72^{\circ}12'09.0''$ E
 $eMAX = 6\%$

CURVE 3 (SEE NOTE)
 PC STA. 1+364.162
 POC ROUTE 30 STA. 1+468.627 =
 ROUTE 30A STA. 1+468.627
 CS STA. 1+725.368
 $\Delta = 47^{\circ}21'30.1''$ RT.
 $Dc = 13^{\circ}06'40.2''$
 R = 437.0 m
 L = 361.206 m
 T = 191.640 m
 Ec = 40.174 m
 BK. TAN = $S72^{\circ}12'09.0''$ E
 CS STA. 1+725.368
 ST STA. 1+825.368
 $\Delta = 6^{\circ}33'20.1''$ RT.
 ENT. R = 437.0 m
 EXIT R = 0.0 m
 LONG TAN = 66.713 m
 SHORT TAN = 33.375 m
 L = 100.000 m
 $eMAX = 6\%$

NOTE:
 CURVE NO. 3 OF ROUTE 30 BECOMES
 CURVE NO. 1 OF ROUTE 30 EAST OF
 ROUTE 30A @ STA. 1+468.627.

**ROUTE 30 @ ROUTE 30A
NORTH OF ROUTE 30A**

CURVE 1
 PC STA. 10+034.757
 PT STA. 10+243.163
 $\Delta = 12^{\circ}43'48.2''$ RT.
 $Dc = 6^{\circ}06'29.9''$
 R = 938.0 m
 L = 208.406 m
 T = 104.634 m
 Ec = 5.818 m
 BK. TAN = $N24^{\circ}12'27.8''$ E
 AHD. TAN = $N36^{\circ}56'15.9''$ E
 $eMAX = 6\%$

**ROUTE 30 @ ROUTE 30A
EAST OF ROUTE 30A**

CURVE 1
 SEE ROUTE 30A
 CURVE 3 NOTE

ROUTE 30A DETOUR PHASE 1

CURVE 1
 PC STA. D1 1+027.827
 PRC STA. D1 1+082.151
 $\Delta = 20^{\circ}04'51.5''$ LT.
 $Dc = 36^{\circ}57'54.1''$
 R = 155.0 m
 L = 54.324 m
 T = 27.444 m
 Ec = 2.411 m
 BK. TAN = $S61^{\circ}27'56.9''$ E
 AHD. TAN = $S81^{\circ}32'48.3''$ E
 $eMAX = NC$

CURVE 3
 PRC STA. D1 1+119.363
 PT STA. D1 1+168.572
 $\Delta = 18^{\circ}11'24.4''$ RT.
 $Dc = 36^{\circ}57'54.1''$
 R = 155.0 m
 L = 49.209 m
 T = 24.813 m
 Ec = 1.974 m
 BK. TAN = $S46^{\circ}35'38.8''$ E
 AHD. TAN = $S64^{\circ}47'03.2''$ E
 $eMAX = NC$

CURVE 2
 PRC STA. D1 1+082.151
 PRC STA. D1 1+119.363
 $\Delta = 34^{\circ}57'09.6''$ RT.
 $Dc = 93^{\circ}55'39.0''$
 R = 61.0 m
 L = 37.212 m
 T = 19.206 m
 Ec = 2.952 m
 BK. TAN = $S81^{\circ}32'48.3''$ E
 AHD. TAN = $S46^{\circ}35'38.8''$ E
 $eMAX = NC$

ROUTE 30A DETOUR PHASE 2

CURVE 1
 PC STA. D 2+000.000
 PRC STA. D 2+061.164
 $\Delta = 1^{\circ}44'52.2''$ LT.
 $Dc = 2^{\circ}51'27.5''$
 R = 2005.0 m
 L = 61.164 m
 T = 30.584 m
 Ec = 0.233 m
 BK. TAN = $S57^{\circ}38'46.0''$ E
 AHD. TAN = $S59^{\circ}23'38.3''$ E
 $eMAX = NC$

CURVE 3
 PRC STA. D 2+108.636
 PRC STA. D 2+154.648
 $\Delta = 43^{\circ}13'03''$ LT.
 $Dc = 93^{\circ}55'39.0''$
 R = 61.0 m
 L = 46.012 m
 T = 24.163 m
 Ec = 4.611 m
 BK. TAN = $S41^{\circ}50'45.4''$ E
 AHD. TAN = $S85^{\circ}03'49.3''$ E
 $eMAX = NC$

CURVE 2
 PRC STA. D 2+061.164
 PRC STA. D 2+108.636
 $\Delta = 17^{\circ}32'52.9''$ RT.
 $Dc = 36^{\circ}57'54.1''$
 R = 155.0 m
 L = 47.472 m
 T = 23.923 m
 Ec = 1.835 m
 BK. TAN = $S9^{\circ}23'38.3''$ E
 AHD. TAN = $S41^{\circ}50'45.4''$ E
 $eMAX = NC$

CURVE 4
 PRC STA. D 2+154.648
 PT STA. D 2+209.506
 $\Delta = 20^{\circ}16'42.0''$ RT.
 $Dc = 36^{\circ}57'54.1''$
 R = 155.0 m
 L = 54.858 m
 T = 27.719 m
 Ec = 2.459 m
 BK. TAN = $S85^{\circ}03'49.3''$ E
 AHD. TAN = $S64^{\circ}47'07.4''$ E
 $eMAX = NC$

VROOMAN CROSS RD.

CURVE 1
 PC STA. 20+564.963
 PT STA. 20+587.588
 $\Delta = 10^{\circ}22'13.5''$ LT.
 $Dc = 45^{\circ}50'11.8''$
 R = 125.0 m
 L = 22.625 m
 T = 11.343 m
 Ec = 0.514 m
 BK. TAN = $S18^{\circ}16'50.6''$ W
 AHD. TAN = $S07^{\circ}54'37.1''$ W
 $eMAX = 6\%$

ROUTE 443

CURVE 1
 PC STA. 10+053.201
 PT STA. 10+166.698
 $\Delta = 25^{\circ}48'18.9''$ LT.
 $Dc = 22^{\circ}44'11.1''$
 R = 252.0 m
 L = 113.497 m
 T = 57.728 m
 Ec = 6.528 m
 BK. TAN = $S56^{\circ}46'34.5''$ W
 AHD. TAN = $S82^{\circ}34'53.4''$ E
 $eMAX = 6\%$

CURVE 2
 PC STA. 10+243.953
 PT STA. 10+309.731
 $\Delta = 6^{\circ}50'38.9''$ RT.
 $Dc = 5^{\circ}12'31.3''$
 R = 1100.0 m
 L = 131.398 m
 T = 65.777 m
 Ec = 1.965 m
 BK. TAN = $S82^{\circ}34'53.4''$ E
 AHD. TAN = $S75^{\circ}44'14.5''$ E
 $eMAX = 6\%$

COVERED BRIDGE RD.


CURVE 1
 PC STA. 100+000.612
 PT STA. 100+060.453
 $\Delta = 38^{\circ}05'45.9''$ RT.
 $Dc = 63^{\circ}39'43.1''$
 R = 90.0 m
 L = 59.841 m
 T = 31.074 m
 Ec = 5.213 m
 BK. TAN = $N04^{\circ}52'20.4''$ W
 AHD. TAN = $N33^{\circ}13'25.5''$ E
 $eMAX = 6\%$

ROUTE 30 @ ROUTE 443


CURVE 1
 PC STA. 0+837.753
 PT STA. 0+995.876
 $\Delta = 25^{\circ}53'06.0''$ RT.
 $Dc = 16^{\circ}22'12.8''$
 R = 350.0 m
 L = 158.122 m
 T = 80.434 m
 Ec = 9.123 m
 BK. TAN = $N21^{\circ}23'15.5''$ E
 AHD. TAN = $N47^{\circ}16'21.5''$ E
 $eMAX = 6\%$

CURVE 2
 PC STA. 1+111.892
 PT STA. 1+141.785
 $\Delta = 0^{\circ}10'16.6''$ RT.
 $Dc = 0^{\circ}34'22.6''$
 R = 10000.0 m
 L = 29.894 m
 T = 14.947 m
 Ec = 0.011 m
 BK. TAN = $N47^{\circ}16'21.5''$ E
 AHD. TAN = $N47^{\circ}26'38.1''$ E
 $eMAX = 6\%$

CURVE 3
 PC STA. 1+226.955
 POE STA. 1+363.135
 $\Delta = 4^{\circ}01'18.9''$ LT.
 $Dc = 2^{\circ}57'12.2''$
 R = 1940.0 m
 L = 136.180 m
 T = 68.118 m
 Ec = 1.196 m
 BK. TAN = $N47^{\circ}26'38.1''$ E
 AHD. TAN = $N43^{\circ}25'19.1''$ E
 $eMAX = 6\%$

| | |
|---|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
|  | |
| SIGNATURE _____ DATE _____ | |

| | | | | | | |
|--|----------------------------------|---|---------|-------------------------------|---|----------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED MISCELLANEOUS TABLES CURVE DATA | CONTRACT NUMBER 0261326 |
| | NYS ROUTES 30/30A & 30/443 | | | | | |
| | S.H. 5444, 5086, 5195 & 9298 | | | | | |
| | TOWN OF SCHOHARIE | | | | | |
| COUNTY: SCHOHARIE COUNTY | | DRAWING NO. MST-5 SHEET NO. 36 | | S.H. 5444, 5086, 5195, & 9298 | | |
| DOCUMENT NAME: 912505.cph.mst.05.dgn | | | | | | |


 ENGINEERS, ARCHITECTS, & LAND SURVEYORS

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

FILE NAME = T:\1997\1997104.003 NY Route 30 Intersections\NY RTE 443\0-arimg\Highway\912505_cph_mst_06.dgn
 DATE/TIME = 12/22/2009 9:15:08 AM
 USER = ssongshun
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY AT AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR. A SPECIFIC DESCRIPTION OF THE ALTERATION SHALL BE STAMPED ON THE DOCUMENT AND INCLUDE THE NOTATION ALTERED BY FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JRM
 CHECKED BY: JRM

| DRIVEWAYS | | | | | | | | | |
|----------------------------|------|-------------------|------------------|-------|--------------|--------|--------|---------------|-------------------------------|
| STATION (Q DRIVEWAY) | SIDE | EXISTING MATERIAL | CLASS | W (m) | CORNER ANGLE | PL (m) | TL (m) | ENTRANCE TYPE | COMMENTS |
| COVERED BRIDGE ROAD | | | | | | | | | |
| 100+020.6 | LT | GRAVEL | RESIDENTIAL | 5.5 | 90.2° | 2.4 | .6 | TYPE I | |
| 100+058.0 | RT | N/A | MINOR COMMERCIAL | 6.0 | 89.7° | 16.6 | - | TYPE I | REMOVE EXISTING DRAINAGE PIPE |
| 100+087.1 | RT | N/A | MINOR COMMERCIAL | 6.0 | 90.0° | 16.6 | - | TYPE I | |
| ROUTE 30 | | | | | | | | | |
| 1+206.2 | LT | GRAVEL | RESIDENTIAL | 6.0 | 90.1° | .6 | 2.8 | TYPE I | NEW GRAVEL ENTRANCE |
| ROUTE 443 | | | | | | | | | |
| 10+119.8 | LT | GRAVEL | RESIDENTIAL | 2.7 | 90.3° | .6 | 13.8 | TYPE I | REMOVE EXISTING DRAINAGE PIPE |
| 10+302.5 | LT | GRAVEL | RESIDENTIAL | 4.2 | 90.1° | 1.1 | 3.1 | TYPE I | REMOVE EXISTING DRAINAGE PIPE |
| 10+382.8 | LT | ASPHALT | RESIDENTIAL | 3.0 | 91.1° | 6.4 | - | TYPE I | REMOVE EXISTING DRAINAGE PIPE |
| VROOMAN CROSS ROAD | | | | | | | | | |
| 20+537.0 | LT | ASPHALT | RESIDENTIAL | 6.5 | 91.0° | 6.7 | - | TYPE I | REMOVE EXISTING DRAINAGE PIPE |
| 20+582.1 | RT | ASPHALT | RESIDENTIAL | 3.2 | 90.2° | 11.6 | - | TYPE I | |
| 20+590.0 | LT | ASPHALT | RESIDENTIAL | 4.1 | 82.4° | 7.7 | - | TYPE I | REMOVE EXISTING DRAINAGE PIPE |

NOTES:

- SEE THE STANDARD SHEETS "POLICY AND STANDARDS FOR THE DESIGN OF ENTRANCES TO STATE HIGHWAYS" FOR FURTHER DETAILS.
- THE DESIGNER AND THE APPROPRIATE REFERENCES (SEE NOTE 1) SHALL BE CONSULTED BEFORE ADDING ADDITIONAL DRIVEWAYS OR CHANGING THE DRIVEWAY LAYOUT OR ENTRANCE TYPE.

| TABLE OF TREE/VEGETATION PROTECTION BARRIER - ITEM 08615.0402 (m) | | |
|---|--------------|--------------|
| LOCATION | OFFSET | QUANTITY (m) |
| * 1+018.3 | 29.9 RT | 8 |
| 1+163.1 | 38.8 RT | 8 |
| 1+171.2 | 31.9 RT | 8 |
| 10+071.8 | 47.6 LT | 8 |
| 10+075.2 | 48.8 LT | 8 |
| 10+085.7 | 34.6 LT | 8 |
| 10+089.1 | 32.6 LT | 8 |
| * 10+318.0 | 8.6 LT | 8 |
| * 10+322.9 | 9.5 LT | 8 |
| * 10+328.4 | 9.3 LT | 8 |
| * 10+330.5 | 9.2 LT | 8 |
| 10+087.4 | 48.9 RT | 8 |
| 10+097.1 | 36.9 RT | 8 |
| 10+107.8 | 25.5 RT | 8 |
| 20+528.0 TO 20+522.0 | 7.3 RT | 6 |
| 100+002.1-100+042.1 | 19.7-18.1 RT | 32.0 |
| 100+003.2-100+038.5 | 17.2-13.5 RT | 30.8 |
| * 100+005.9 | 9.1 LT | 8 |
| 100+020.3 | 13.8 RT | 8 |
| 100+023.0 | 10.1 LT | 8 |
| 100+024.9 | 9.5 LT | 8 |
| TOTAL | | 212.8 |

* = REQUIRES WORK RELEASE PRIOR TO INSTALLATION. COORDINATE WITH EIC.

| UTILITY DISPOSITION TABLE | | | | |
|---------------------------|---------|-----------------------|-------------------------|---|
| STATION | OFFSET | OWNER | POLE NUMBER/DESCRIPTION | DISPOSITION |
| 100+006.3 | 22.6 LT | PRIVATE OWNER | WELL | NOT IMPACTED |
| 100+006.8 | 23.0 LT | PRIVATE OWNER | WELL | NOT IMPACTED |
| 100+014.7 | 7.3 LT | NATIONAL GRID | NM 131-A | NOT IMPACTED |
| 100+015.1 | 49.4 RT | MIDDLEBURGH TELEPHONE | MTCO 12 | NOT IMPACTED |
| 20+577.5 | 7.1 RT | NATIONAL GRID | NM 9, MTCO9, 1000 | NOT IMPACTED |
| 20+571.7 | 24.8 RT | NATIONAL GRID | NM-9, MTCO 5 | NOT IMPACTED |
| 20+546.8 | 5.9 RT | NATIONAL GRID | NM 10, MTCO 8 | NOT IMPACTED |
| 20+525.0 | 9.7 RT | PRIVATE OWNER | WELL | NOT IMPACTED |
| 20+518.8 | 5.4 RT | NATIONAL GRID | NM 11, MTCO 7 | NOT IMPACTED |
| 10+113.1 | 40.5 RT | MIDDLEBURGH TELEPHONE | MTCO 11 | NOT IMPACTED |
| 10+134.0 | 10.1 RT | MIDDLEBURGH TELEPHONE | MTCO 10, 1000 | TO BE RELOCATED BY OWNER |
| 10+147.9 | 10.3 LT | PRIVATE OWNER | WELL | TO BE REMOVED BY CONTRACTOR (NO RELOCATION) |
| 10+154.8 | 7.8 RT | NATIONAL GRID | NM 9S, MTCO 951 | TO BE RELOCATED BY OWNER |
| 10+192.1 | 5.9 LT | NATIONAL GRID | NM 6, MTCO, 2000 | TO BE RELOCATED BY OWNER |
| 10+192.3 | 6.8 RT | NATIONAL GRID | NM 6S, MTCO, 1, 5 | TO BE RELOCATED BY OWNER |
| 10+235.2 | 6.5 LT | NATIONAL GRID | NM 7, MTCO 2 | NOT IMPACTED |
| 10+272.8 | 8.1 LT | NATIONAL GRID | NM 8, MTCO 3 | NOT IMPACTED |
| 10+330.6 | 8.6 RT | NATIONAL GRID | NM 9, MTCO 4 | NOT IMPACTED |
| 10+333.4 | 16.4 LT | NATIONAL GRID | NM 9-1, MTCO 4-1 | NOT IMPACTED |
| 10+390.5 | 7.0 RT | NATIONAL GRID | NM 10, MTCO 5 | NOT IMPACTED |

| TABLE OF ROLLED EROSION CONTROL-CLASS II TYPE 'B' INTERMEDIATE - ITEM 209.190201 | | |
|--|------|---------------|
| LOCATION | SIDE | QUANTITY (SM) |
| ROUTE 30 | | |
| 0+976 TO 0+997 | RT | 114 |
| 1+179 TO 1+294 | RT | 563 |
| ROUTE 443 | | |
| 10+145 TO 10+170 | RT | 79 |
| 10+310 TO 10+405 | RT | 421 |

| TOPSOIL, ITEM 613.02 (100mm THICK) | | |
|------------------------------------|------------|------|
| FROM STATION | TO STATION | SIDE |
| ROUTE 30 | | |
| 0+950± | 1+203± | LT |
| 1+209± | 1+294± | LT |
| 0+950± | 1+086± | RT |
| 1+099± | 1+294± | RT |
| ROUTE 443 | | |
| 10+004± | 10+046± | RT |
| 10+054± | 10+405± | RT |
| 10+016± | 10+119± | LT |
| 10+121± | 10+163± | LT |
| 10+176± | 10+300± | LT |
| 10+305± | 10+381± | LT |
| 10+384± | 10+405± | LT |
| COVERED BRIDGE ROAD | | |
| 100+002± | 100+018± | LT |
| 100+023± | 100+113± | LT |
| 100+002± | 100+054± | RT |
| 100+061± | 100+084± | RT |
| 100+090± | 100+113± | RT |
| VROOMAN CROSSING ROAD | | |
| 20+594± | 20+584± | LT |
| 20+580± | 20+510± | LT |
| 20+595± | 20+589± | RT |
| 20+585± | 20+541± | RT |
| 20+534± | 20+510± | RT |


| ITEM 209.13 - TEMPORARY SILT FENCE | | | | | |
|------------------------------------|------|------------|------|---------|----------------------------------|
| FROM STATION | SIDE | TO STATION | SIDE | LENGTH* | COMMENT |
| ROUTE 30 | | | | | |
| 0+949.2 | RT | 1+011.6 | RT | 65.1 | ROUTE 30 CONSTRUCTION |
| 0+950.0 | LT | 1+201.9 | LT | 253.9 | ROUTE 30 CONSTRUCTION |
| 1+210.4 | LT | 1+294.3 | LT | 85.9 | ROUTE 30 CONSTRUCTION |
| ROUTE 443 | | | | | |
| 10+045.4 | LT | 10+079.7 | LT | 65.1 | ROUTE 443 CONSTRUCTION |
| 10+042.1 | LT | 10+117.7 | LT | 99.8 | ROUTE 443 CONSTRUCTION |
| 10+121.9 | LT | 10+124.9 | LT | 6.3 | ROUTE 443 CONSTRUCTION |
| 10+110.1 | RT | 10+173.7 | RT | 68.6 | ROUTE 443 CONSTRUCTION |
| 10+207.7 | RT | 10+245.5 | RT | 38.0 | ROUTE 443 CONSTRUCTION |
| 10+306.1 | RT | 10+405.0 | RT | 100.5 | ROUTE 443 CONSTRUCTION |
| 10+305.0 | LT | 10+380.1 | LT | 79.0 | ROUTE 443 CONSTRUCTION |
| 10+385.2 | LT | 10+405.1 | LT | 22.8 | ROUTE 443 CONSTRUCTION |
| COVERED BRIDGE ROAD | | | | | |
| 100+023.3 | LT | 100+058.8 | LT | 44.9 | COVERED BRIDGE ROAD CONSTRUCTION |
| VROOMAN CROSSING ROAD | | | | | |
| 20+583.3 | RT | 20+542.8 | RT | 40.0 | VROOMAN CROSSING ROAD |
| 20+531.0 | RT | 20+515.0 | RT | 40.0 | VROOMAN CROSSING ROAD |

* TWO ROWS OF SILT FENCE SPACED 750mm APART. QUANTITY IS 2 X LENGTH.

| TABLE OF CLEAR ZONE WIDTHS | | | | |
|----------------------------|--------------|------------------------------|----------------------------|--|
| START STATION | END STATION | RECOMMENDED CLEAR ZONE WIDTH | AVAILABLE CLEAR ZONE WIDTH | COMMENTS |
| ROUTE 30 | | | | |
| 0+892.2 LT | 1+253.8 LT | 9.0 | 2.4 | FACE OF GUIDERAIL |
| 1+253.8 LT | 1+294.0 LT | 9.0 | 9.0 | |
| 0+930.0 RT | 1+180.0 RT | 9.0 | 9.0 | |
| 1+180.0 RT | 1+294.0 RT | 7.6 | 7.6 | |
| ROUTE 443 | | | | |
| 10+007.4 LT | 10+167.0 LT | 7.6 | 7.6 | |
| 10+167.0 LT | 10+272.8 LT | 7.6 | 4.5 | CUT SLOPE BEHIND TIP-UP GUTTER, UTILITY POLE-NO ACCIDENT HISTORY |
| 10+272.8 LT | 10+405.0 LT | 9.0 | 4.8 | TREES, GARAGE-NO ACCIDENT HISTORY |
| 10+004.3 RT | 10+046.4 RT | 9.0 | 9.0 | |
| 10+053.6 RT | 10+097.3 RT | 9.0 | 9.0 | |
| 10+097.3 RT | 10+405.0 RT | 9.0 | 2.4 | FACE OF GUIDERAIL |
| COVERED BRIDGE ROAD | | | | |
| 100+003.5 LT | 100+113.1 LT | 2.5 | 2.5 | |
| VROOMAN CROSS ROAD | | | | |
| 20+490.0 LT | 20+594.0 LT | 2.5 | 2.5 | |
| 20+490.0 RT | 20+594.0 RT | 2.5 | 2.5 | |

PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:



SIGNATURE _____ DATE _____

AS BUILT REVISIONS DESCRIPTION OF WORK:

| | | | |
|----------------------------------|------------------|---------|----------|
| HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS |
| NYS ROUTES 30/ 30A & 30/443 | 9125.05 | | C960062 |
| SH - 5444, 5086, 5195, 9298 | PS&E DATE | | |
| TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | |
| COUNTY: SCHOHARIE COUNTY | | | |

| | |
|---|--------------------------------|
| ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| ROUTES 30/443 INTERSECTION MISCELLANEOUS TABLES | 0261326 |
| S.H. 5444 & 5086 | DRAWING NO. MST-6 SHEET NO. 37 |



FILE NAME = I:\1997\1997104\003 NY Route 30 Intersections\Highway\912505.cph.mst.08.dgn
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM

| DRAINAGE STRUCTURE TABLE | | | | | | | |
|--------------------------|--------------------|----------------|--------------------|-----------------|--------------|-------------------------|--------------------------|
| STRUCTURE NUMBER | LOCATION | STRUCTURE TYPE | STRUCTURE ITEM NO. | TOP GRATE ELEV. | INVERT ELEV. | GRATE OR COVER ITEM NO. | REMARKS |
| DS-1A | 20+510.0, 4.6 RT | L | 604.301222 | 202.193 | 200.843 | 655.1122 | |
| DS-1 | 20+583.5, 4.3 LT | L | 604.301222 | 199.248 | 197.330 | 655.1122 | |
| DS-2 | 10+177.5, 6.5 LT | F | 604.300611 | 199.218 | 197.568 | 655.1111 | |
| DS-3 | 10+182.9, 5.2 LT | F | 604.300611 | 199.377 | 197.727 | 655.1111 | |
| DS-4 | 10+272.7, 5.2 LT | F | 604.300611 | 199.841 | 198.491 | 655.1111 | |
| DS-5 | 10+355.7, 5.3 LT | L | 604.301222 | 199.249 | 197.374 | 655.1122 | |
| DS-6 | 10+348.6, 5.2 LT | F | 604.300611 | 199.237 | 197.612 | 655.1111 | |
| DS-7 | 10+387.8, 7.3 LT | L | 604.301222 | 198.793 | 197.743 | 655.1122 | |
| DS-8 | 100+065.5, 10.9 RT | L | 604.301211 | 189.927 | 188.552 | 655.1111 | |
| DS-9 | 100+096.0, 10.9 RT | L | 604.301211 | 192.358 | 190.983 | 655.1111 | |
| DS-10 | 10+060.0, 13.2 LT | K | 604.301122 | 193.035 | 191.685 | 655.1122 | |
| DS-11 | 10+027.2, 16.6 LT | K | 604.301122 | 191.400 | 190.140 | 655.1122 | |
| DS-12 | 100+076.6, 18.2 LT | F | 604.300606 | 189.738 | 187.700 | 655.1006 | SEE DETAIL DWG. NO. MD-2 |

NOTE: UNLESS NOTED OTHERWISE, DRAINAGE STRUCTURE LOCATIONS ARE TO CENTER OF DRAINAGE STRUCTURE

| CULVERT TABLE | | | | | | | | | |
|----------------|--|-------------|---------------|-------------------------------|--------------------------|---------------------------|--|-----------------------------|--|
| CULVERT NUMBER | LOCATION | LENGTH* (m) | PIPE ITEM NO. | PIPE DESCRIPTION | INLET DRAINAGE STRUCTURE | OUTLET DRAINAGE STRUCTURE | INVERTS | REMARKS | |
| C-1 | 20+586.3, 13.0 RT TO 20+583.5, 4.2 LT | 18.0 | 603.6007 | 750mm RCP | DS-1 | END SECTION | UPSTREAM INVERT = 197.435 DOWNSTREAM INVERT = 197.349 | END SECTION ITEM 603.7307 | |
| C-1A | 20+583.5, 4.3 LT TO 20+510.0, 4.6 LT | 73.2 | 603.6005 | 600mm RCP | DS-1A | DS-1 | UPSTREAM INVERT = 200.918 DOWNSTREAM INVERT = 197.585 | | |
| C-2 | 20+583.5, 4.3 LT TO 10+177.5, 6.5 LT | 12.0 | 603.6005 | 600mm RCP | DS-2 | DS-1 | UPSTREAM INVERT = 197.643 DOWNSTREAM INVERT = 197.585 | | |
| C-3 | 10+177.5, 6.5 LT TO 10+182.9, 5.2 LT | 6.0 | 603.6005 | 600mm RCP | DS-3 | DS-2 | UPSTREAM INVERT = 197.802 DOWNSTREAM INVERT = 197.668 | | |
| C-4 | 10+182.9, 5.2 LT TO 10+272.7, 5.2 LT | 90.0 | 603.6005 | 600mm RCP | DS-4 | DS-3 | UPSTREAM INVERT = 198.566 DOWNSTREAM INVERT = 197.827 | | |
| C-5 | 10+355.7, 7.1 RT TO 10+355.7, 5.3 LT | 13.2 | 603.6007 | 750mm RCP | DS-5 | END SECTION | UPSTREAM INVERT = 197.479 DOWNSTREAM INVERT = 197.419 | | |
| C-6 | 10+355.7, 5.3 LT TO 10+348.6, 5.2 LT | 7.2 | 603.6005 | 600mm RCP | DS-6 | DS-5 | UPSTREAM INVERT = 197.687 DOWNSTREAM INVERT = 197.629 | | |
| C-7 | 10+355.7, 5.3 LT TO 10+387.8, 7.3 LT | 32.4 | 603.6005 | 600mm RCP | DS-7 | DS-6 | UPSTREAM INVERT = 197.818 DOWNSTREAM INVERT = 197.657 | | |
| C-8 | 100+048.9, 12.9 RT TO 100+065.5, 10.9 RT | 15.6 | 603.6005 | 600mm RCP | DS-8 | END SECTION | UPSTREAM INVERT = 188.627 DOWNSTREAM INVERT = 188.546 | END SECTION ITEM 603.7305 | |
| C-9 | 100+065.5, 10.9 RT TO 100+096.0, 10.9 RT | 31.2 | 603.6005 | 600mm RCP | DS-9 | DS-8 | UPSTREAM INVERT = 191.058 DOWNSTREAM INVERT = 188.652 | | |
| C-10 | 100+096.0, 10.9 RT TO 10+060.0, 12.8 LT | 37.2 | 603.6005 | 600mm RCP | DS-10 | DS-9 | UPSTREAM INVERT = 191.760 DOWNSTREAM INVERT = 191.083 | | |
| C-11 | 10+027.2, 14.0 RT TO 10+027.2, 16.6 LT | 33.6 | 603.6007 | 750mm RCP | DS-11 | END SECTION | UPSTREAM INVERT = 190.245 DOWNSTREAM INVERT = 190.083 | END SECTION ITEM 603.7307 | |
| C-12 | 100+076.6, 18.2 LT TO 100+047.6, 10.7 RT | 40.8 | 603.6005 | 600mm RCP | DS-12 | END SECTION | UPSTREAM INVERT = 188.518 DOWNSTREAM INVERT = 188.214 | END SECTION ITEM 603.7305 | |
| C-13 | 100+000.6, 19.1 RT TO 99+995.0, 22.1 RT | 7.2 | 603.6705 | 675mm x 1055mm ELLIPTICAL RCP | END SECTION | END SECTION | MATCH EXISTING GROUND @ INVERTS | END SECTION ITEM 08603.6705 | |
| DP-1 | 10+116.7, 13.3 LT TO 10+122.7, 13.3 LT | 6.0 | 603.6007 | 750mm RCP | END SECTION | END SECTION | UPSTREAM INVERT = 196.400 DOWNSTREAM INVERT = 196.000 | | |

* QUANTITY ROUNDED UP TO NEAREST 1.2 m INTERVAL, MAY REQUIRE CUTTING OF PIPES AT DRAINAGE STRUCTURES.

| TABLE OF CHECK DAM, STONE - TEMPORARY ITEM 209.110102 (EA) | | |
|--|-------------|---------------------|
| LOCATIONS | | |
| ROUTE 30 | ROUTE 443 | COVERED BRIDGE ROAD |
| 1+119.2 RT | 10+042.2 LT | 100+046.9 RT |
| 1+137.6 RT | 10+054.7 LT | 100+072.6 RT |
| 1+156.0 RT | 10+067.5 LT | |
| 1+174.2 RT | 10+079.1 LT | |
| 1+192.3 RT | 10+091.3 LT | |
| 1+208.5 RT | 10+104.5 LT | |
| 1+224.3 RT | 10+135.4 LT | |
| 1+241.3 RT | | |
| 1+259.4 RT | | |
| 1+278.5 RT | | |
| TOTAL = 19 | | |

NOTE: SEE DWG. NO.'S ESCP-9 THROUGH ESCP-16 FOR LOCATIONS


| PERMANENT SURVEY MARKERS ITEM 625.06 | |
|---|----------|
| LOCATION | QUANTITY |
| CONTACT THE REGIONAL SURVEY UNIT FOR LOCATION OF PERMANENT SURVEY MARKERS | 4 EA. |

| TABLE OF CONCRETE ROW MARKERS (HIGH) ITEM 625.03 | |
|--|--------------|
| LOCATION | QUANTITY |
| NOTE: ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS | TOTAL: 10 EA |

| TABLE OF CONCRETE ROW MARKERS (LOW) ITEM 625.04 | |
|--|-------------|
| LOCATION | QUANTITY |
| NOTE: ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS | TOTAL: 9 EA |

PREPARED BY: ON: NOVEMBER 2009

ALTERED BY: ON:



| | | | | | | |
|---|----------------------------------|--------------------------|---------|----------|---|-----------------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/ 30A & 30/443 | 9125.05 | | C960062 | | |
| | SH - 5444, 5086, 5195, 9298 | PS&E DATE | | | ROUTES 30/443 INTERSECTION MISCELLANEOUS TABLES | D261326 |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | | |
| SIGNATURE | DATE | COUNTY: SCHOHARIE COUNTY | | | S.H. 5444 & 5086 | DRAWING NO. MST-8 SHEET NO. 39 |

DOCUMENT NAME: 912505.cph.mst.08.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9



FILE NAME = T:\1997\1997\104.003 NY Route 30 Intersections\NY RTE 443\Drawings\Highway\912505_cph_mst_09.dgn
 DATE/TIME = 11/5/2009 11:42:53 AM
 USER = jeeover

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, IS ALTERED. ANY SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, SHALL BE STAMPED ON THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. CHECKED BY: CJM/JRM

ROUTES 30/30A INTERSECTION

| ROUTE 30A | | | | |
|---------------|------------------|------------|------------|------------|
| H.C.L. POINT | BASELINE STATION | OFFSET (m) | NORTHING | EASTING |
| POB 1+000.000 | B 9+872.755 | 21.769 LT | 429613.844 | 165826.033 |
| PC 1+036.383 | B 9+908.909 | 17.704 LT | 429594.558 | 165856.883 |
| PT 1+128.169 | B 9+999.918 | 5.818 LT | 429544.518 | 165933.824 |
| PC 1+170.479 | B 10+041.767 | 0.413 RT | 429520.818 | 165933.824 |
| PT 1+294.561 | B 10+165.430 | 1.135 RT | 429466.739 | 166080.087 |
| PC 1+364.162 | B 10+234.387 | 8.311 LT | 429445.465 | 166146.357 |

| ROUTE 30 NORTH OF ROUTE 30A | | | | |
|-----------------------------|------------------|------------|------------|------------|
| H.C.L. POINT | BASELINE STATION | OFFSET (m) | NORTHING | EASTING |
| POB 10+000.000 | B 10+338.589 | 10.042 LT | 429402.006 | 166241.080 |
| PC 10+034.757 | A 1+319.432 | 47.326 LT | 429433.707 | 166255.332 |
| PT 10+243.163 | A 1+509.942 | 0.450 LT | 429612.772 | 166361.116 |
| POE 10+294.518 | A 1+561.199 | 2.723 LT | 429653.820 | 166391.978 |

| ROUTE 30 EAST OF ROUTE 30A | | | | |
|----------------------------|--|------------|------------|------------|
| H.C.L. POINT | BASELINE STATION | OFFSET (m) | NORTHING | EASTING |
| POC 1+468.627 | B 10+338.589 | 10.042 LT | 429402.006 | 166241.080 |
| CS 1+725.368 | A 1+058.711 | 16.591 RT | 429212.985 | 166409.344 |
| ST 1+825.368 | A 0+959.736 | 2.724 RT | 429119.356 | 166444.301 |
| PC 1+947.113 | A 0+839.900 FORWARD TANGENT PRODUCED BACK | 18.752 LT | 429003.760 | 166482.505 |
| PT 1+998.411 | A 0+789.170 FORWARD TANGENT PRODUCED BACK | 26.314 LT | 428955.554 | 166500.023 |

ROUTE 30A BOX CULVERT

| BOX CULVERT | | | | |
|---------------|------------------|------------|------------|------------|
| H.C.L. POINT | BASELINE STATION | OFFSET (m) | NORTHING | EASTING |
| PI 9+983.712 | B 10+137.006 | 30.520 LT | 429507.568 | 166068.130 |
| PI 9+993.889 | B 10+144.850 | 24.036 LT | 429498.331 | 166072.402 |
| PI 10+000.000 | B 10+148.038 | 18.823 LT | 429492.252 | 166073.025 |
| PI 10+009.501 | B 10+152.906 | 10.663 LT | 429482.790 | 166073.890 |
| PI 10+049.053 | B 10+167.277 | 26.185 RT | 429443.350 | 166070.931 |
| PI 10+056.246 | B 10+169.088 | 33.146 RT | 429436.289 | 166069.556 |

ROUTE 30A DETOUR - PHASE 1

| ROUTE 30A | | | | |
|------------------|------------------|------------|------------|------------|
| H.C.L. POINT | BASELINE STATION | OFFSET (m) | NORTHING | EASTING |
| PI D1 1+000.000 | B 10+066.535 | 0.448 LT | 429510.894 | 165991.582 |
| PC D1 1+027.827 | B 10+094.325 | 0.977 RT | 429497.602 | 166016.029 |
| PRC D1 1+082.151 | B 10+147.957 | 5.706 LT | 429480.458 | 166067.285 |
| PRC D1 1+119.363 | B 10+184.594 | 5.494 LT | 429464.438 | 166100.234 |
| PT D1 1+168.572 | B 10+233.031 | 1.930 RT | 429436.816 | 166140.710 |
| PI D1 1+205.506 | B 10+269.964 | 1.684 RT | 429421.081 | 166174.125 |

ROUTE 30A DETOUR - PHASE 2

| ROUTE 30A | | | | |
|-----------------|------------------|------------|------------|------------|
| H.C.L. POINT | BASELINE STATION | OFFSET (m) | NORTHING | EASTING |
| PI D 2+000.000 | B 10+008.910 | 6.260 LT | 429541.032 | 165942.124 |
| PRC D 2+061.164 | B 10+069.749 | 0.009 RT | 429509.093 | 165994.284 |
| PRC D 2+108.636 | B 10+115.674 | 11.274 RT | 429479.092 | 166030.835 |
| PRC D 2+154.648 | B 10+160.598 | 12.018 RT | 429459.012 | 166071.028 |
| PT D 2+209.506 | B 10+214.253 | 2.052 RT | 429444.818 | 166123.722 |
| PI D 2+265.218 | B 10+269.964 | 1.680 RT | 429421.084 | 166174.126 |

ROUTES 30/443 INTERSECTION


| ROUTE 30 | | | | |
|---------------|------------------|------------|------------|------------|
| H.C.L. POINT | BASELINE STATION | OFFSET (m) | NORTHING | EASTING |
| POB 0+818.291 | C 1+247.956 | 2.188 RT | 427072.982 | 166151.552 |
| PC 0+837.753 | C 1+267.356 | 3.741 RT | 427091.104 | 166158.649 |
| PT 0+995.876 | C 1+428.187 | 8.973 LT | 427220.574 | 166247.068 |
| PC 1+111.892 | C 1+544.487 | 5.387 LT | 427299.292 | 166332.292 |
| PT 1+141.785 | C 1+574.347 | 3.971 LT | 427319.543 | 166354.282 |
| PC 1+226.955 | C 1+659.415 | 0.190 RT | 427377.144 | 166417.019 |
| POE 1+363.135 | C 1+795.554 | 2.067 RT | 427472.688 | 166514.018 |

| ROUTE 443 | | | | |
|----------------|------------------|------------|------------|------------|
| H.C.L. POINT | BASELINE STATION | OFFSET (m) | NORTHING | EASTING |
| POB 10+000.000 | D 10+023.300 | 42.128 LT | 427281.399 | 166312.920 |
| PC 10+053.201 | D 10+071.357 | 19.306 LT | 427252.249 | 166357.424 |
| PT 10+166.698 | D 10+181.230 | 5.052 RT | 427213.166 | 166462.961 |
| PC 10+243.953 | D 10+258.483 | 4.509 RT | 427203.191 | 166539.569 |
| PT 10+375.351 | D 10+389.621 | 11.427 RT | 427178.493 | 166668.545 |
| POE 10+405.157 | D 10+419.238 | 14.771 RT | 427171.150 | 166697.432 |

| COVERED BRIDGE ROAD | | | | |
|---------------------|------------------|------------|------------|------------|
| H.C.L. POINT | BASELINE STATION | OFFSET (m) | NORTHING | EASTING |
| POB 99+974.270 | D 10+042.631 | 116.302 RT | 427121.812 | 166310.512 |
| PC 100+000.612 | D 10+036.843 | 90.604 RT | 427148.059 | 166308.274 |
| PT 100+060.453 | D 10+043.345 | 32.220 RT | 427205.015 | 166322.661 |
| POE 100+119.014 | D 10+068.466 | 20.679 LT | 427254.003 | 166354.747 |

VROOMAN CROSS ROAD

| H.C.L. POINT | BASELINE STATION | OFFSET (m) | NORTHING | EASTING |
|----------------|------------------|------------|------------|------------|
| POB 20+489.611 | D 10+197.340 | 103.951 LT | 427318.963 | 166493.754 |
| PC 20+564.963 | D 10+183.661 | 29.851 LT | 427247.414 | 166470.118 |
| PT 20+587.588 | D 10+181.584 | 7.353 LT | 427225.408 | 166464.999 |
| POE 20+599.990 | D 10+181.564 | 5.050 RT | 427213.123 | 166463.292 |

| | |
|---|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
|  | |
| SIGNATURE _____ DATE _____ | |

| | | | | | |
|--|---|---|------------------------------------|--|---|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/ 30A & 30/443 SH - 5444, 5086, 5195, 9298 TOWN OF SCHOHARIE | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES CULVERTS C960062 | ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED MISCELLANEOUS TABLES STAKEOUT DATA S.H. 5444, 5086, 5195, & 9298 | CONTRACT NUMBER D261326 DRAWING NO. MST-9 SHEET NO. 40 |
| | DOCUMENT NAME: 912505_cph_mst_09.dgn | | | | |
| | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | |



TABLE OF ACQUISITIONS - ROUTES 30/30A INTERSECTION

Table with 8 columns: MAP NO., PARCEL NO., REPUTED OWNER, TRN NO., DRAWING NO., TYPE OF TAKE, AREA (ISM), REMARKS. Lists 68 acquisition entries for various parcels along Route 30/30A.

RIGHT OF WAY MARKERS TO BE SET FOR EXISTING HIGHWAY BOUNDARY - ROUTES 30/30A INTERSECTION

Table with 5 columns: STATION, OFFSET, NORTHING, EASTING, ITEM NO. Lists 40 right-of-way marker points for the intersection of Routes 30 and 30A.

FTPB = FORWARD TANGENT PRODUCED BACK
ITEM 625.05 - STEEL PIN AND CAP RIGHT-OF-WAY MARKER

RIGHT OF WAY MARKERS TO BE SET FOR EXISTING HIGHWAY BOUNDARY - ROUTES 30/443 INTERSECTION

Table with 5 columns: STATION, OFFSET, NORTHING, EASTING, ITEM NO. Lists 58 right-of-way marker points for the intersection of Routes 30 and 443.

BTPA = BACK TANGENT PRODUCED AHEAD
ITEM 625.05 - STEEL PIN AND CAP RIGHT-OF-WAY MARKER

TABLE OF ACQUISITIONS - ROUTES 30/443 INTERSECTION

Table with 8 columns: MAP NO., PARCEL NO., REPUTED OWNER, TRN NO., DRAWING NO., TYPE OF TAKE, AREA (ISM), REMARKS. Lists 5 acquisition entries for parcels along Route 30/443.

Professional seal and signature block for James R. McDuffee, State of New York Licensed Professional Engineer No. 669508.

Form fields for 'AS BUILT REVISIONS DESCRIPTION OF WORK' and 'HIGHWAY INTERSECTION IMPROVEMENT' details including NYS Routes and Town of Schoharie.

Project information form including PIN (9125.05), PS&E DATE (NOVEMBER 5, 2009), BRIDGES, CULVERTS, CONTRACT NUMBER (D261326), and drawing title 'MISCELLANEOUS TABLES'.

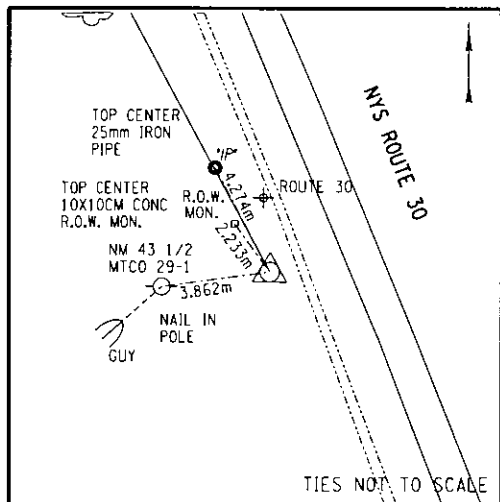


CONTRACT NUMBER
D261326

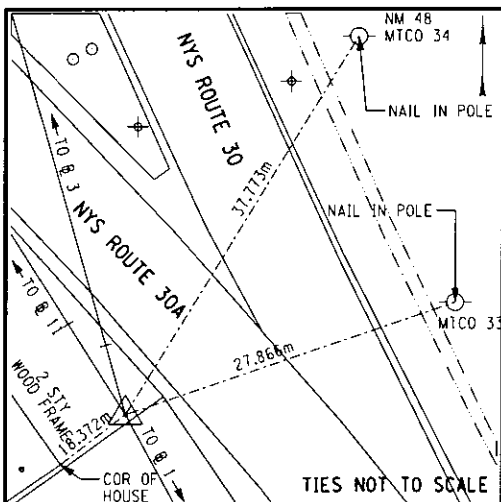
DRAWING NO. MST-10
SHEET NO. 41

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 JOB MANAGER JRM
 DESIGNED BY CJM
 CHECKED BY JLM
 ESTIMATED BY JRM
 DRAFTED BY CJM/JRM
 CHECKED BY CJM/JRM
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, IS SHOWN ON THIS DRAWING. ANY SUCH ALTERATION SHALL BE FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

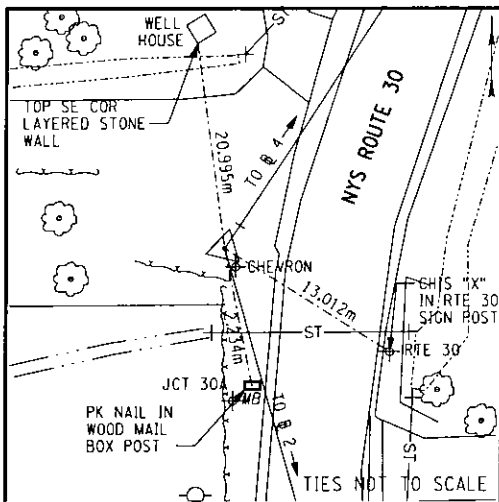
BASELINE TIES



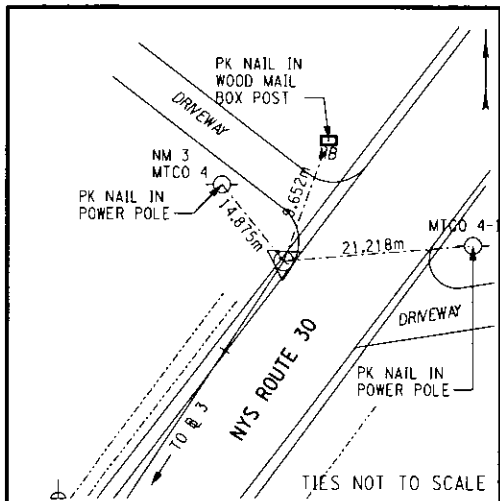
CB 1 @ STA. A 1+000.000
 5/8" REBAR AND CAP SET
 7.5±m WEST OF C NYS ROUTE 30
 NYSPCS EAST ZONE NAD83
 N: 429153.460
 E: 166422.725



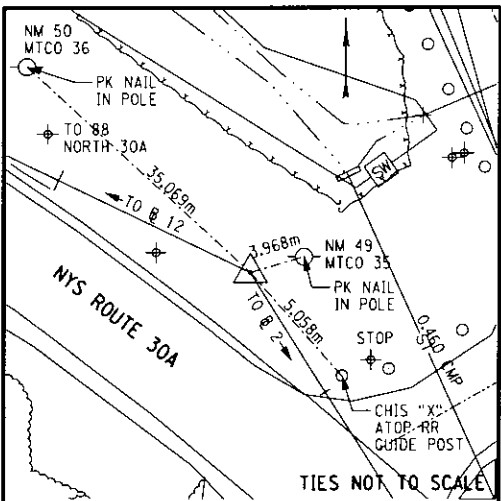
**CB 2 @ STA. A 1+169.926 =
 @ STA. B 10+482.548**
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 7.4±m SOUTH OF C NYS ROUTE 30A
 NYSPCS EAST ZONE NAD83
 N: 429302.866
 E: 166341.776



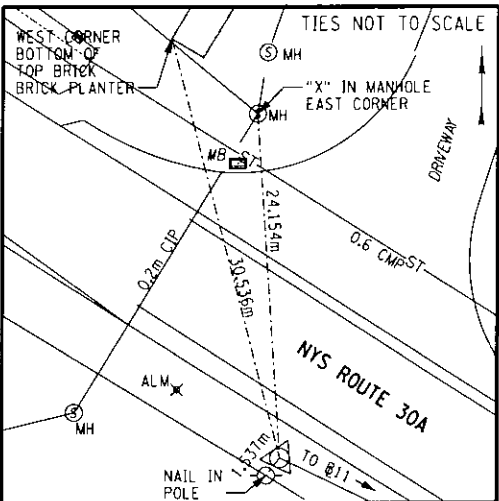
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 8.1±m WEST OF C NYS ROUTE 30
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 N: 429498.267
 E: 166286.163



CB 4 @ STA. A 1+582.561
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 4.1±m WEST OF C NYS ROUTE 30
 NYSPCS EAST ZONE NAD83
 N: 429673.153
 E: 166401.463

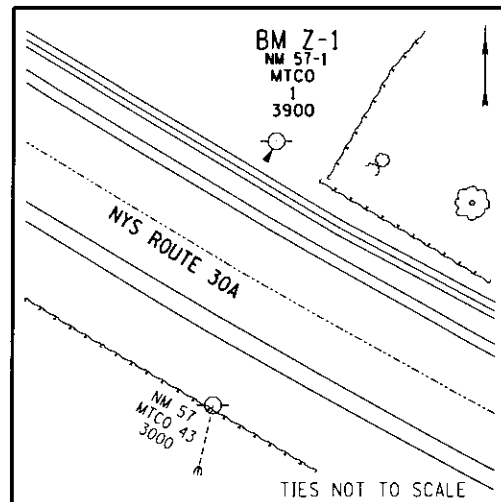


CB 11 @ STA. B 10+415.000
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 8.6±m NORTH OF C NYS ROUTE 30A
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 E: 166305.734

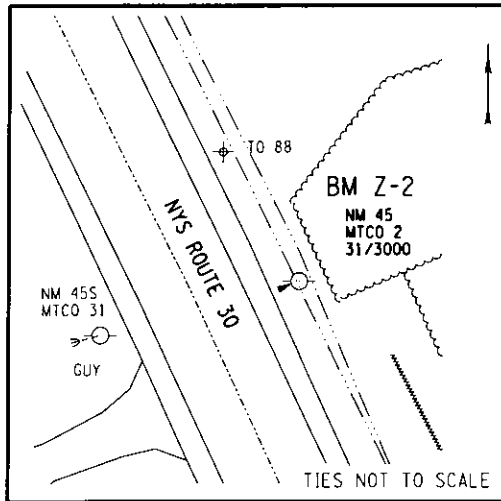


CB 12 @ STA. B 10+000.000
 5/8" REBAR AND CAP SET
 7.3±m SOUTH OF C NYS ROUTE 30A
 NYSPCS EAST ZONE NAD83
 N: 429539.236
 E: 165931.384

BENCHMARK SKETCHES



BM Z-1
 RR SPIKE IN POWER POLE NM-57-1
 9.1±m NORTH OF C NYS ROUTE 30A
 EL: 190.649m



BM Z-2
 RR SPIKE IN POWER POLE NM-45
 7.1±m NORTHEASTERLY OF
 C NYS ROUTE 30
 EL: 197.736m

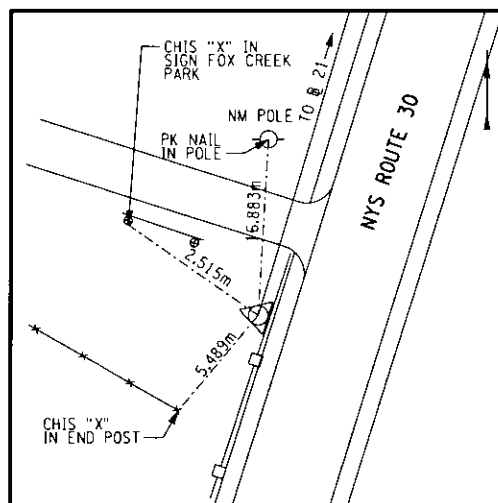
PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:

| | | | | | | | | | | | | | |
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| HORIZONTAL DATUM: NYSPCS EAST ZONE NAD 83 VERTICAL DATUM: NAVD 88 COMBINED FACTOR: 1.0 | | AS BUILT REVISIONS DESCRIPTION OF WORK: | | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | | BRIDGES CULVERTS C960062 | | ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED ROUTES 30/30A INTERSECTION BASELINE TIES & BENCHMARK DATA | | CONTRACT NUMBER D261326 | |
| SIGNATURE _____ DATE _____ | | COUNTY: SCHOHARIE COUNTY | | S.H. 5086, 5195, & 9298 | | DRAWING NO. BLT-1 SHEET NO. 42 | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | | |

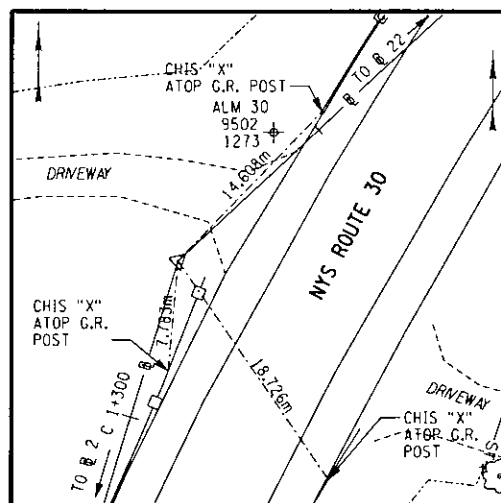


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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: JRM
 CHECKED BY: CJM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM

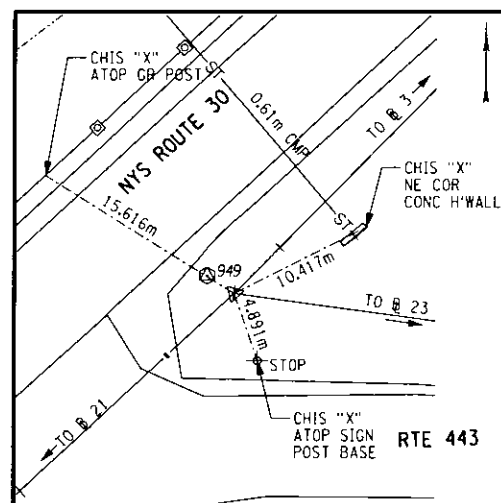
BASELINE TIES



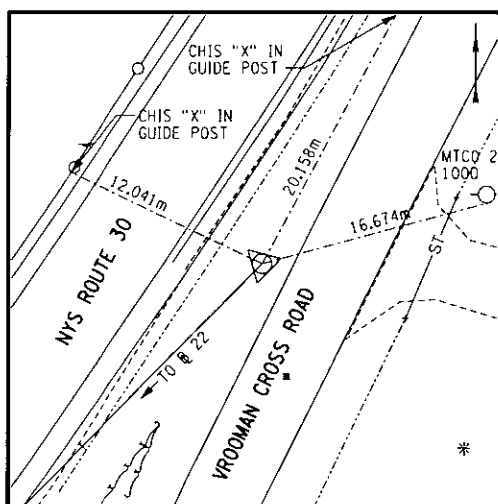
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 5/8" REBAR AND CAP
 NYSPCS EAST ZONE NAD83
 N: 429539.236
 E: 166077.751



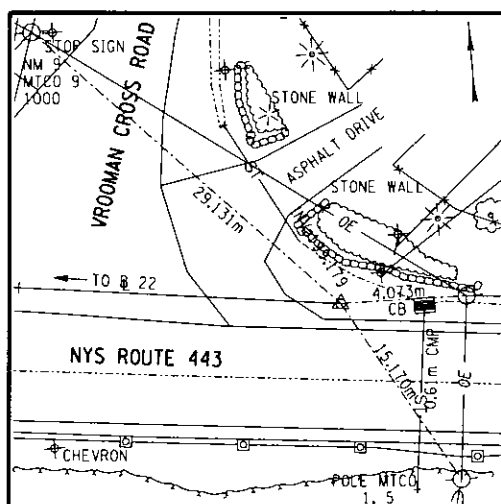
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 NYSPCS EAST ZONE NAD83
 N: 427134.441
 E: 166167.833



CB 22 @ STA. C 1+470.455 =
@ STA. D 10+000.000
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 8.9±m EAST OF @ NYS ROUTE 30
 NYSPCS EAST ZONE NAD83
 N: 427134.441
 E: 166167.833

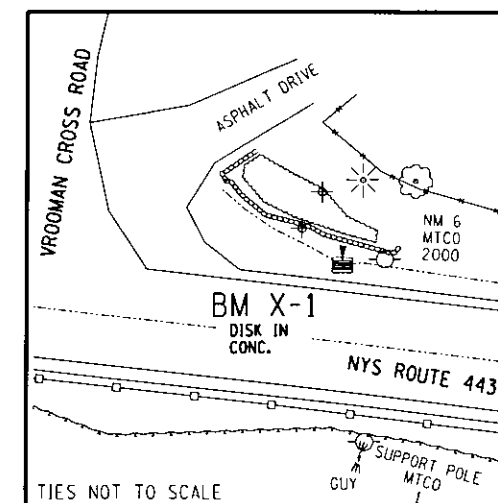


CB 3 @ STA. C 1+893.103 =
 5/8" REBAR AND CAP SET
 9.3±m EAST OF @ NYS ROUTE 30
 NYSPCS EAST ZONE NAD83
 N: 427543.546
 E: 166581.094

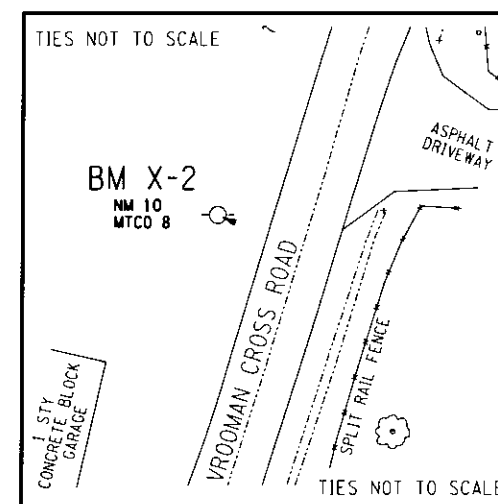


CB 23 @ STA. D 10+197.732
 5/8" REBAR AND CAP SET
 5.3±m NORTH OF @ NYS ROUTE 443
 NYSPCS EAST ZONE NAD83
 N: 427215.926
 E: 166479.996

BENCHMARK SKETCHES



BM X-1
 DISK IN CONCRETE
 NYSPCS EAST ZONE NAD83
 5.1±m NORTH OF @ NYS ROUTE 443
 EL: 199.692m



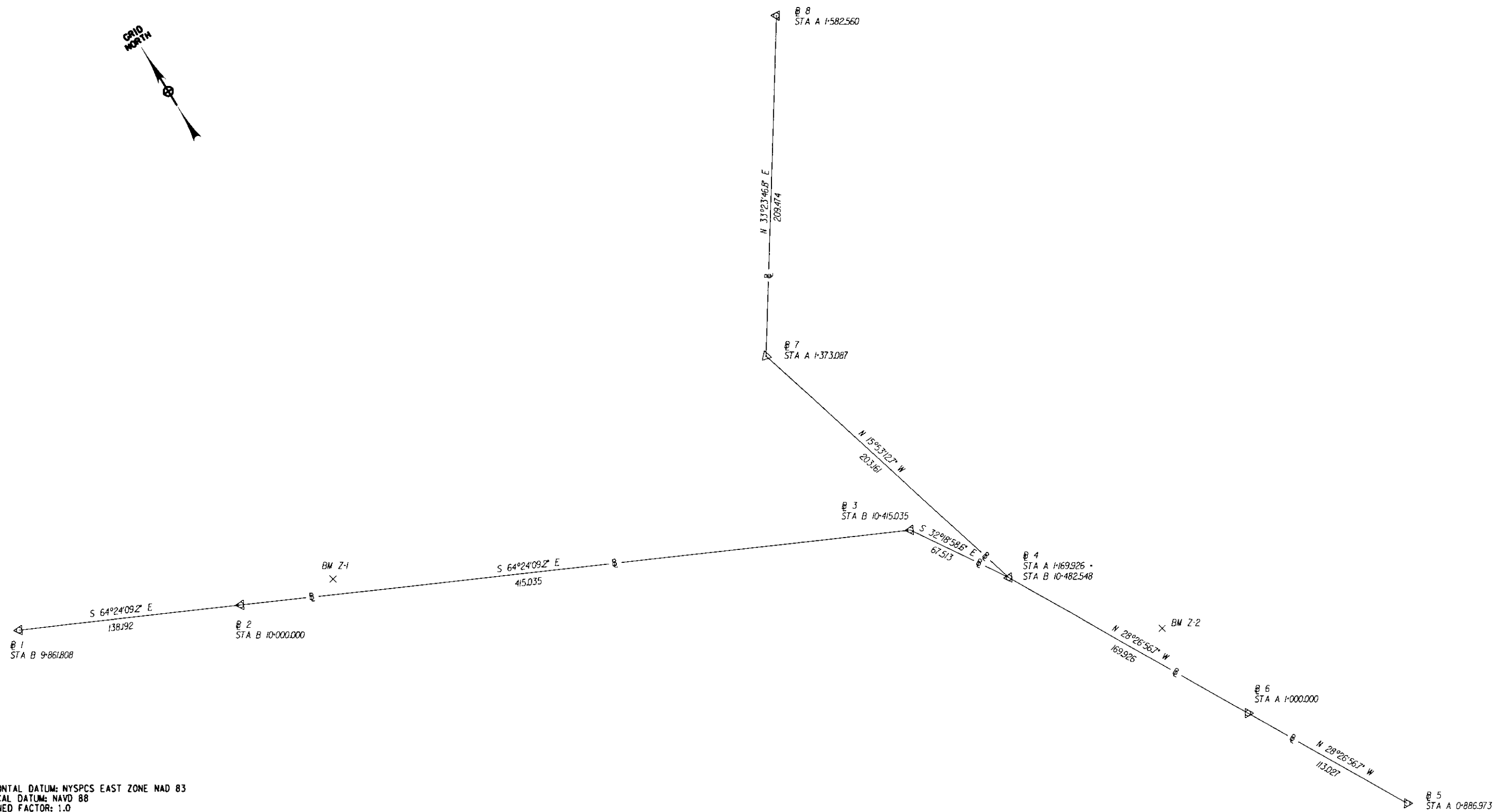
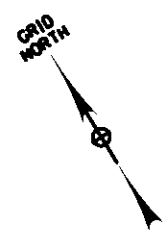
BM X-2
 RR SPIKE IN POWER POLE NM-10
 6.3±m WESTERLY OF @
 VROOMAN CROSS ROAD
 EL: 201.144m

PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:

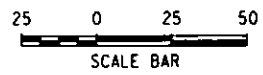
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 JOB MANAGER JRM
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 DESIGNED BY CJM
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 CHECKED BY CJM/JRM

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."




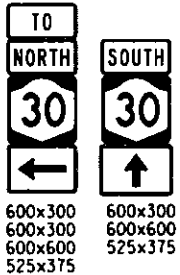



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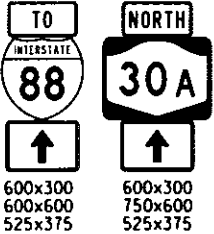
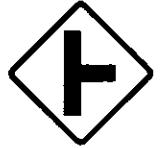



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| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| | |
| SIGNATURE _____ DATE _____ | |


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|--|----------------------------------|---|---------|---------------------|---|--|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED ROUTES 30/30A INTERSECTION SURVEY BASELINE CONTROL DIAGRAM S.H. 5086, 5195, & 9298 | CONTRACT NUMBER D261326 |
| | NYS ROUTES 30/30A & 30/443 | | | | | DRAWING NO. CD-1 SHEET NO. 44 |
| | S.H. 5444, 5086, 5195 & 9298 | | | | | COUNTY: SCHOHARIE COUNTY |
| | TOWN OF SCHOHARIE | | | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 |

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 DESIGN SUPERVISOR: JRM
 JDR MANAGER: JRM
 DESIGNED BY: CJM/JLW
 CHECKED BY: JLM
 ESTIMATED BY: JLM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM

| TEXT NUMBER | LOCATION NUMBER | ITEM NUMBER | PAYMENT FACTOR | TOTAL QUANTITY | TEXT WxH (mm) | M.U.T.C.D. NUMBER | MOUNT | |
|-------------|-----------------|-------------|---------------------|---------------------|--|--|--------|--|
| 1 | 1 | 645.5102 | 1.78 m ² | 1.78 m ² |  2280x780 | D1-2a | | |
| | | 645.81 | 2 EA | 2 EA | | | | |
| 2 | 2A | 645.5102 | 1.29 m ² | 1.29 m ² |  600x300 600x300 600x600 600x600 525x375 525x375 | M13-21 M13-11 M3-1 M13-41 M13-11 M3-1 M13-43 | GR MTD | |
| | | 645.81 | 2 EA | 2 EA | | | | |
| 3 | | NOT USED | | | | | | |
| 4 | 5 | 645.5102 | .45 m ² | .45 m ² |  750x600 | M3-2 | GR MTD | |
| | | 645.81 | 1 EA | 1 EA | | | | |
| 5 | 8 | 647.11 | .38 m ² | .38 m ² |  600x300 600x165 600x165 | NONE | GR MTD | |
| | | 645.81 | 1 EA | 1 EA | | | | |
| 6 | 10 | 645.5102 | .57 m ² | .57 m ² |  525x375 600x600 | M13-1 M3-1 | GR MTD | |
| | | 645.81 | 1 EA | 1 EA | | | | |

| TEXT NUMBER | LOCATION NUMBER | ITEM NUMBER | PAYMENT FACTOR | TOTAL QUANTITY | TEXT WxH (mm) | M.U.T.C.D. NUMBER | MOUNT |
|-------------|-----------------|-------------|---------------------|---------------------|---|--|--------|
| 7 | 12, 41, 47 | 645.5102 | .45 m ² | 1.35 m ² |  600x750 | R2-1 | GR MTD |
| | | 645.81 | 1 EA | 3 EA | | | |
| 8 | 14 | 645.5102 | .63 m ² | .63 m ² |  600x300 750x600 | M13-23 M3-2 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 9 | 17 | 645.5102 | .56 m ² | .56 m ² |  750x750 | W7-6 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 10 | 20 | 645.5102 | 1.56 m ² | 1.56 m ² |  600x300 600x300 600x600 750x600 525x375 525x375 | M13-11 M1-1 M13-43 M13-11 M3-2 M13-43 | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 11 | 31, 53, 92 | 645.5102 | .56 m ² | 1.68 m ² |  750x750 | W2-3 | GR MTD |
| | | 645.81 | 1 EA | 3 EA | | | |
| 12 | 32 | 645.5102 | .36 m ² | .36 m ² |  600x600 | EM-1 BR (MODIFIED) | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |

PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:



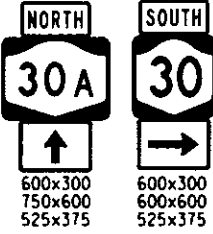
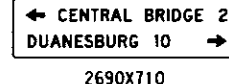
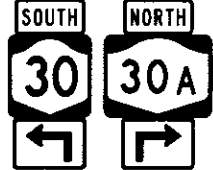



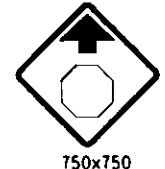

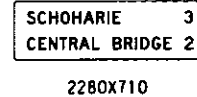

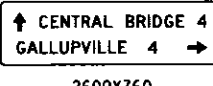

| | | | | | | |
|---|---|---|---------|---------------------|-------------------------------|-----------------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | NONE SIGN DATA SHEET | CONTRACT NUMBER D261326 |
| SIGNATURE _____ DATE _____ | COUNTY: SCHOHARIE COUNTY | | | | S.H. 5444, 5086, 5195, & 9298 | DRAWING NO. SDS-1 SHEET NO. 46 |

DOCUMENT NAME: 912505.cph.sds_01.dgn
 NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9




FILE NAME = T:\1997\1997\104\003 NY Route 30 Intersections\Highway\912505.cph.sds.02.dgn
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 USER = ssanghyun
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM/JLW
 CHECKED BY: CJM
 ESTIMATED BY: JLW
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM

| TEXT NUMBER | LOCATION NUMBER | ITEM NUMBER | PAYMENT FACTOR | TOTAL QUANTITY | TEXT WxH (mm) | M.U.T.C.D. NUMBER | MOUNT |
|-------------|-----------------|-------------|---------------------|---------------------|---|--|--------|
| 13 | 32A, 39, 60 | 645.5102 | .54 m ² | 1.62 m ² |  600x300 600x600 | M13-12 M3-1 | GR MTD |
| | | 645.81 | 1 EA | 3 EA | | | |
| 14 | 33B | 645.5102 | .15 m ² | .15 m ² |  760x200 | D-3 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 15 | 35 | 645.5102 | 1.56 m ² | 1.56 m ² |  600x300 750x600 525x375 600x300 600x600 525x375 | M13-11 M3-2 M13-43 M13-12 M3-1 M13-42 | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 16 | 36 | 645.5102 | 1.91 m ² | 1.91 m ² |  2690x710 | D1-2a | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 17 | 411 | 645.5102 | 1.56 m ² | 1.56 m ² |  600x300 600x600 525x375 600x300 750x600 525x375 | M13-12 M3-1 M13-31 M13-11 M3-2 M13-32 | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 18 | 44 | 645.5102 | .65 m ² | .65 m ² |  525x375 750x600 | M13-1 M3-2 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |

| TEXT NUMBER | LOCATION NUMBER | ITEM NUMBER | PAYMENT FACTOR | TOTAL QUANTITY | TEXT WxH (mm) | M.U.T.C.D. NUMBER | MOUNT |
|-------------|-----------------|-------------|---------------------|---------------------|---|-------------------|--------|
| 19 | 45, 91, 98 | 645.5102 | .56 m ² | 1.68 m ² |  750x750 | W2-15 | GR MTD |
| | | 645.81 | 1 EA | 3 EA | | | |
| 20 | 51, 112 | 645.5102 | .65 m ² | 1.3 m ² |  525x375 750x600 | M13-1 M3-2 | GR MTD |
| | | 645.81 | 1 EA | 2 EA | | | |
| 21 | 54 | 645.5102 | 1.62 m ² | 1.62 m ² |  2280x710 | D2-2 | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 22 | 56 | 645.5102 | .56 m ² | .56 m ² |  750x750 | W3-17 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 23 | 61 | 645.5102 | 1.98 m ² | 1.98 m ² |  2600x760 | D1-2a | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 24 | 66 | 645.5102 | .54 m ² | .54 m ² |  900x600 | NONE | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |


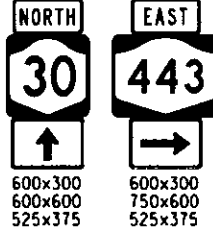
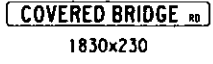

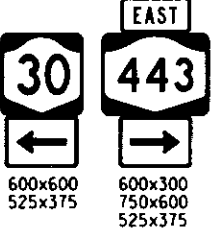
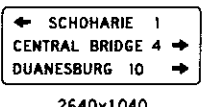
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 ALTERED BY: ON:

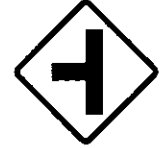
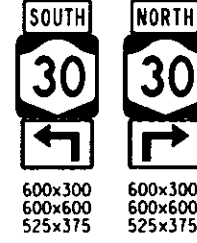



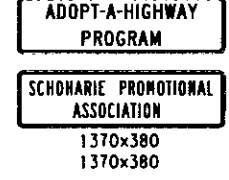


| | | | | | | |
|---|---|--|---------|--------------------------------|-------------------------|-------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | NONE SIGN DATA SHEET | CONTRACT NUMBER D261326 |
| SIGNATURE _____ DATE _____ | DOCUMENT NAME: 912505.cph.sds.02.dgn | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | DRAWING NO. SDS-2 SHEET NO. 47 | | |


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 USER = asengshyn
 DESIGN SUPERVISOR = JRM
 JOB MANAGER = JRM
 DESIGNED BY = CJM/JLW
 CHECKED BY = CJM
 ESTIMATED BY = JLW
 DRAFTER BY = JLW
 CHECKED BY = CJM/JRM

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

| TEXT NUMBER | LOCATION NUMBER | ITEM NUMBER | PAYMENT FACTOR | TOTAL QUANTITY | TEXT WxH (mm) | M.U.T.C.D. NUMBER | MOUNT |
|-------------|-----------------|-------------|---------------------|---------------------|--|--|--------|
| 25 | 68 | 645.5102 | .45 m ² | .45 m ² |  750x600 | D4-1 L | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 26 | 69 | 645.5102 | 1.56 m ² | 1.56 m ² |  600x300 600x600 525x375 | M13-11 M3-2 M13-43 M13-13 M3-2 M13-42 | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 27 | 71 | 645.5102 | .42 m ² | .42 m ² |  1830x230 | D3-1 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 28 | 72, 79, 94 | 645.5102 | .56 m ² | 1.68 m ² |  750x750 | R1-1 | GR MTD |
| | | 645.81 | 1 EA | 3 EA | | | |
| 29 | 77 | 645.5102 | 1.38 m ² | 1.38 m ² |  600x600 525x375 | M3-1 M13-41 M13-13 M3-2 M13-42 | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 30 | 74 | 645.5102 | 2.74 m ² | 2.74 m ² |  2640x1040 | D1-3A | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |

| TEXT NUMBER | LOCATION NUMBER | ITEM NUMBER | PAYMENT FACTOR | TOTAL QUANTITY | TEXT WxH (mm) | M.U.T.C.D. NUMBER | MOUNT |
|-------------|-----------------|-------------|---------------------|---------------------|--|--|--------|
| 31 | 73, 86 | 645.5102 | .56 m ² | 1.12 m ² |  750x750 | W2-2 | GR MTD |
| | | 645.81 | 1 EA | 2 EA | | | |
| 32 | 85 | 645.5102 | 1.47 m ² | 1.47 m ² |  600x300 600x600 525x375 | M13-12 M3-1 M13-31 M13-11 M3-1 M13-32 | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 33 | 88 | 645.5102 | .56 m ² | .56 m ² |  525x375 600x600 | M13-1 M3-1 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 34 | 15A, 90B | 645.5102 | .41 m ² | .82 m ² |  900x450 | W1-7 | GR MTD |
| | | 645.81 | 2 EA | 4 EA | | | |
| 35 | 93 | 645.5102 | .63 m ² | .63 m ² |  600x300 750x600 | M13-1 M3-2 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 36 | 102 | 645.5102 | 1.04 m ² | 1.04 m ² |  1370x380 1370x380 | NONE | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |

PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:



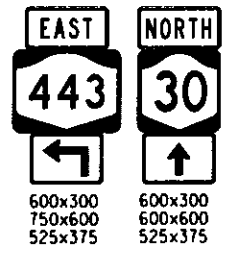





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|---|---|---|---------|-----------------------------------|-------------------------|----------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | NONE SIGN DATA SHEET | CONTRACT NUMBER D261326 |
| SIGNATURE _____ | DATE _____ | S.H. 5444, 5086, 5195, & 9298 | | DRAWING NO. SDS-3 SHEET NO. 48 | | |

DOCUMENT NAME: 912505_cph.sds.03.dgn


NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9



| TEXT NUMBER | LOCATION NUMBER | ITEM NUMBER | PAYMENT FACTOR | TOTAL QUANTITY | TEXT WxH (mm) | M.U.T.C.D. NUMBER | MOUNT |
|-------------|-----------------|--------------|---------------------|---------------------|---|--|--------|
| 37 | 105 | 645.5102 | .54 m ² | .54 m ² |  NORTH 30 600x300 600x600 | M13-11 M3-1 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 38 | 109 | 645.5102 | 1.69 m ² | 1.69 m ² |  ↑ SCHOHARIE 1 ← GALLUPVILLE 4 2280x740 | D1-2o | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 39 | 110 | 645.5102 | 1.56 m ² | 1.56 m ² |  EAST 443 NORTH 30 600x300 600x300 750x600 600x600 525x375 525x375 | M13-13 M3-2 M13-31 M13-11 M3-1 M13-43 | GR MTD |
| | | 645.81 | 2 EA | 2 EA | | | |
| 40 | 115 | 645.5102 | .45 m ² | .45 m ² |  SPEED LIMIT 30 600x750 | R2-1 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 41 | 95 | 645.5102 | .42 m ² | .42 m ² |  VROOMAN CROSS 1830x230 | D3-1 | GR MTD |
| | | 645.81 | 1 EA | 1 EA | | | |
| 42 | 76 | 08647.180101 | 1.94 m ² | 1.94 m ² |  HISTORIC SCHOHARIE VISIT → OLD STONE FORT MUSEUM LAUREL PARK & PICNIC 1524x1270 | NONE | GR MTD |

PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:



| | | | | | | | |
|--|---|---|---------|---------------------|---|----------------------------|-----------------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | NONE SIGN DATA SHEET S.H. 5444, 5086, 5195, & 9298 | CONTRACT NUMBER D261326 | DRAWING NO. SDS-4 SHEET NO. 49 |
| _____ SIGNATURE | _____ DATE | COUNTY: SCHOHARIE COUNTY | | | | | |

DOCUMENT NAME: 912505_cph_sds_04.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM/JLW
 CHECKED BY: CJM/JLW
 ESTIMATED BY: JLW
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM


| LOCATION NUMBER | | DESCRIPTION | ITEM 647.01 (EA) | ITEM 647.02 (EA) | ITEM 647.03 (EA) | ITEM 647.05 (EA) | ITEM 647.06 (EA) |
|-----------------|--|---|------------------|------------------|------------------|------------------|------------------|
| 30/30A | 30/443 | | | | | | |
| 2 | | CURVE RIGHT, 50 MPH | 2 | | | | |
| 4* | | WELCOME TO SCHOHARIE COUNTY, EMPIRE ZONE. TAX BENEFITS AVAILABLE, CALL 518-234-3751 | | | | | 1 |
| 6 | | ROUTE 30A | 1 | | | | |
| 9 | | JUNCTION, ROUTE 30 | 2 | | | | |
| 11, 40, 41C | 48 | SPEED LIMIT 50 MPH | 4 | | | | |
| 13 | | END, ROUTE 30A | 2 | | | | |
| 16 | | DEAF CHILD AREA | 1 | | | | |
| 17A | | HOWE CAVERNS BILLBOARD | | | 1 | | |
| 18 | | NORTH, ROUTE 30, ←, SOUTH, ROUTE 30, ↗ | 6 | | | | |
| 19 | | TO, INTERSTATE 88, NORTH, ROUTE 30A | 4 | | | | |
| 22 | | NORTH, ROUTE 30 | 2 | | | | |
| 23 | | SCHOHARIE 3, CENTRAL BRIDGE 2 | | 1 | | | |
| 24, 26, 29 | 55, 64, 67, 70, 62, 82, 84, 96, 103, 108 | STOP | 13 | | | | |
| 25 | | ← DUANESBURG 10, SCHOHARIE 3 ↗ | | 1 | | | |
| 27 | | ← CENTRAL BRIDGE 2, DUANESBURG 10 → | | 1 | | | |
| 28 | | SIDE ROAD RIGHT, DRIVEWAY | 2 | | | | |
| 30 | | TURN RIGHT, 20 MPH | 2 | | | | |
| 32B | 52, 65 | SOUTH, ROUTE 30 | 6 | | | | |
| 33 | | ROBERT CT | 1 | | | | |
| 34 | | NORTH, ROUTE 30A, ↘, NORTH, ROUTE 30, ↗ | 6 | | | | |
| 35 | | TO, INTERSTATE 88, ↘ | 3 | | | | |
| 37 | | SIDE ROAD AHEAD RIGHT, 40 MPH | 2 | | | | |
| 37A | | SCHOENECKER CONSTRUCTION COMPANY | | | | 1 | |
| 38, 41J | | ROUTE 30 | 2 | | | | |

*RETURN TO SCHOHARIE COUNTY, COORDINATED WITH EIC

ITEM 647.01 - REMOVAL OF SIGNS, SIZE A (0-1.0 m²) - EA
 ITEM 647.02 - REMOVAL OF SIGNS, SIZE B (1.1-2.0 m²) - EA
 ITEM 647.03 - REMOVAL OF SIGNS, SIZE C (2.1-4.0 m²) - EA
 ITEM 647.05 - REMOVAL OF SIGNS, SIZE E (OVER 10.0 m²) - EA
 ITEM 647.06 - REMOVAL AND STORAGE OF SIGNS, SIZE A (0-1.0 m²) - EA

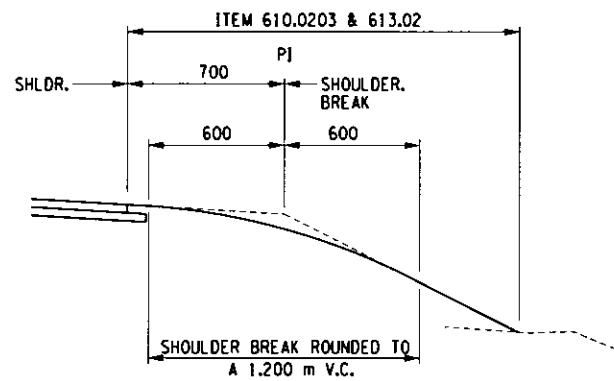
| LOCATION NUMBER | | DESCRIPTION | ITEM 647.01 (EA) | ITEM 647.02 (EA) | ITEM 647.03 (EA) |
|-------------------------------------|---------|---|------------------|------------------|------------------|
| 30/30A | 30/443 | | | | |
| 41A, 41B, 41D, 41F, 41G, 42, 43, 46 | 90A | SINGLE ARROW LEFT, SINGLE ARROW RIGHT | 9 | | |
| 41E | | SPEED LIMIT 55 MPH | 1 | | |
| 41H | 100 | JUNCTION, ROUTE 30 | 2 | | |
| | 49 | ↑ CENTRAL BRIDGE 4, GALLUPVILLE 4 → | | 1 | |
| | 50 | NORTH, ROUTE 30, ↑, EAST, ROUTE 443, → | 6 | | |
| | 57 | DEAD END | 1 | | |
| | 58 | ↑ SCHOHARIE 1, ← GALLUPVILLE 4 | | 1 | |
| | 59 | REFERENCE MARKER | 1 | | |
| | 63 | COVERED BRIDGE RD | 1 | | |
| | 106 | DELINEATOR | 1 | | |
| | 78A, 90 | EAST, ROUTE 443 | 4 | | |
| | 78B | DELINEATOR | 1 | | |
| | 80 | FLOOD ZONE REGULATION IN EFFECT | 1 | | |
| | 81 | VISIT HOWE CAVERNS ROUTE 30 TO 7N, 8 MILES | | | 1 |
| | 83 | ↑ SCHOHARIE 1, CENTRAL BRIDGE 4, →, DUANESBURG 10 → | | 1 | |
| | 89 | NORTH, ROUTE 30, ↑, SOUTH, ROUTE 30, ↗ | 6 | | |
| | 97 | VROOMAN ROAD, NO THRU TRAFFIC, WEIGHT LIMIT 8 TONS | 3 | | |
| | 99 | END, ROUTE 443 | 2 | | |
| | 101 | ADOPT-A-HIGHWAY | 1 | | |
| | 102A | ROUTE 443 | 1 | | |
| | 107 | CURVE LEFT | 1 | | |
| | 113 | ↑ SCHOHARIE 1, ←, GALLUPVILLE 4, REFERENCE MARKER | 1 | | |
| | 114 | SPEED LIMIT 30 | 1 | | |

ITEM 647.01 - REMOVAL OF SIGNS, SIZE A (0-1.0 m²) - EA
 ITEM 647.02 - REMOVAL OF SIGNS, SIZE B (1.1-2.0 m²) - EA
 ITEM 647.03 - REMOVAL OF SIGNS, SIZE C (2.1-4.0 m²) - EA

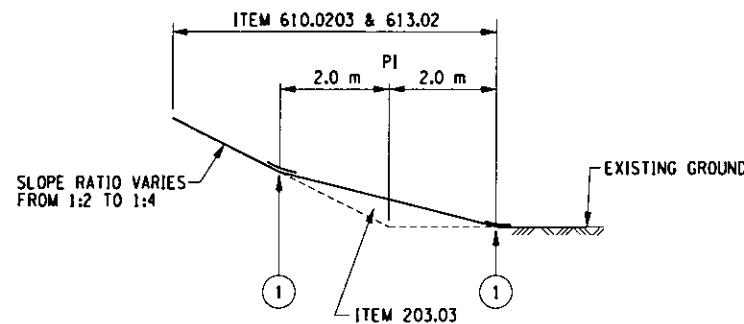
| | |
|---|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
|  | |
| AS BUILT REVISIONS DESCRIPTION OF WORK: | |
| HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | |
| SIGNATURE _____ | DATE _____ |

| | | | |
|---|---------|---------------------|--|
| PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | CONTRACT NUMBER D261326 |
| SIGN REMOVAL TABLE | | | DRAWING NO. SRT-1 SHEET NO. 50 |
| S.H. 5444, 5086, 5195, & 9298 | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 |

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 USER = ssonjshyn
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 JOB MANAGER JRM
 CHECKED BY JLM
 ESTIMATED BY JRM
 DRAFTED BY JLM
 CHECKED BY CJM/JRM



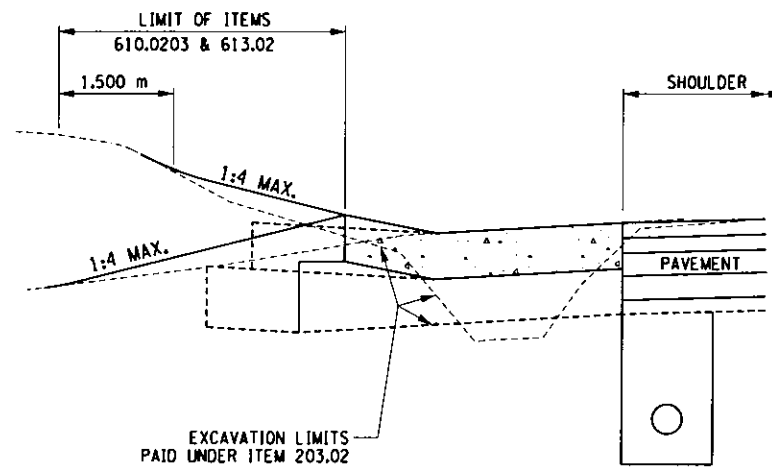
TYPICAL SLOPE ROUNDING DETAIL
TOP OF SLOPE



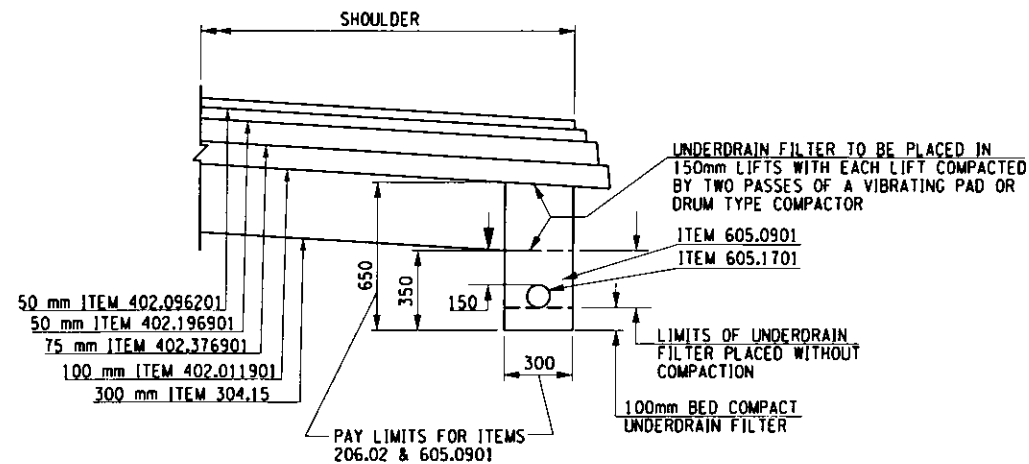
TYPICAL SLOPE ROUNDING DETAIL
TOE OF SLOPE

NOTE:
THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE ROUNDING DETAILS. THE INTENT IS TO PROVIDE AMPLE AND GENEROUS ROUNDING AT THE TOP AND BOTTOM OF SLOPES.

① BLEND TO PROVIDE A SMOOTH SLOPE TRANSITION

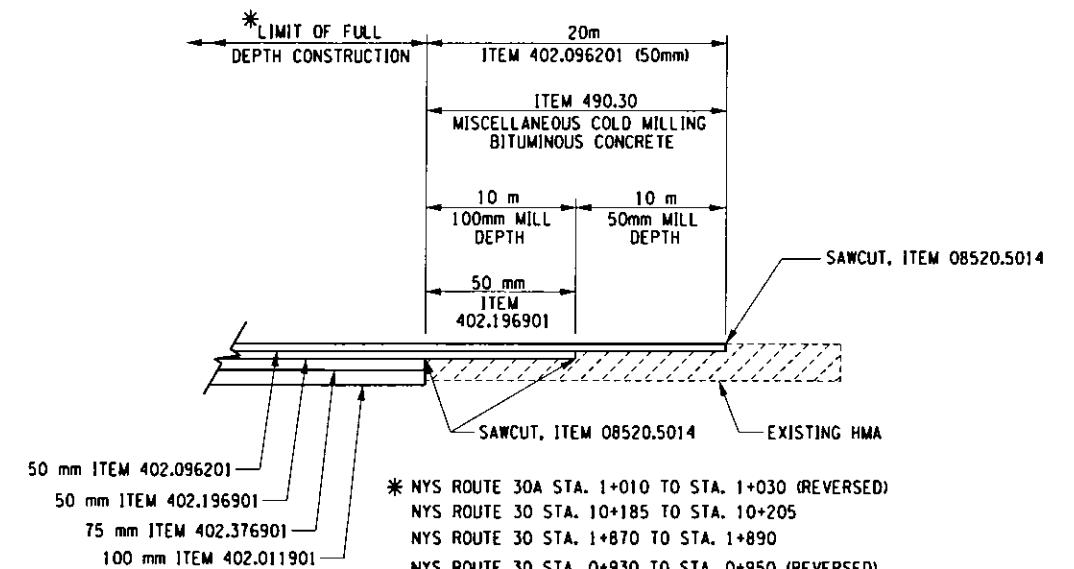


GRADING BEHIND TIP-UP GUTTER DETAIL
(SEE NOTE 4)



UNDERDRAIN DETAIL
NOT TO SCALE

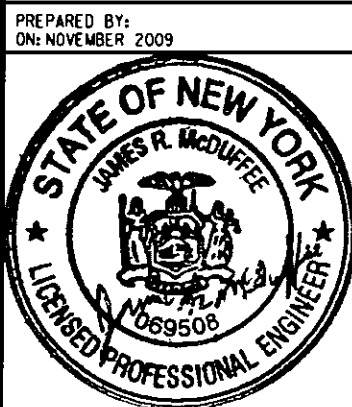
EXCAVATION PAID UNDER ITEM 206.02, TRENCH AND CULVERT EXCAVATION



* NYS ROUTE 30A STA. 1+010 TO STA. 1+030 (REVERSED)
 NYS ROUTE 30 STA. 10+185 TO STA. 10+205
 NYS ROUTE 30 STA. 1+870 TO STA. 1+890
 NYS ROUTE 30 STA. 0+930 TO STA. 0+950 (REVERSED)
 NYS ROUTE 30 STA. 1+294 TO STA. 1+314
 NYS ROUTE 443 STA. 10+405 TO STA. 10+425
 VROOMAN CROSS ROAD STA. 20+490 TO STA. 20+510 (REVERSED)
 COVERED BRIDGE ROAD STA. 99+983.5 TO STA. 100+003.5

TRANSITION TO MATCH EXISTING PAVEMENT DETAIL

| ITEM | DESCRIPTION | UNIT | ITEM | DESCRIPTION | UNIT | NOTES: |
|------------|--|------|------------|---|------|---|
| 206.02 | TRENCH AND CULVERT EXCAVATION | CM | 490.30 | MISCELLANEOUS COLD MILLING | SQM | 1. ALL SURFACES OF THE TRANSITION AREA SHALL BE CLEANED AND TACK COATED PRIOR TO HMA PLACEMENT. 2. ALL SAW CUTS SHALL BE MADE SO THAT THE SURFACE RUNOFF IS DIRECTED TO THE EDGE OF THE PAVEMENT. 3. SEE DWG. NO.'S MST-3 & MST-7 FOR TABLE OF UNDERDRAIN LOCATIONS. 4. SEE STANDARD SHEET 624-1R1 FOR ADDITIONAL TIP-UP GUTTER INFORMATION. |
| 304.15 | SUBBASE COURSE, OPTIONAL TYPE | CM | 08520.5014 | SAW CUTTING ASPHALT PAVEMENT, ASPHALT SURFACE COURSE, CONCRETE PAVEMENT OR ASPHALT OVERLAY ON CONCRETE PAVEMENT | M | |
| 402.011901 | TYPE 2 F9, ASPHALT TREATED PERMEABLE BASE COURSE | MT | 605.0901 | UNDERDRAIN FILTER TYPE 1 | CM | |
| 402.096201 | 9.5mm F2, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 605.1701 | OPTIONAL UNDERDRAIN PIPE | M | |
| 402.196901 | 19mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 610.0203 | ESTABLISHING TURF | SQM | |
| 402.376901 | 37.5mm F9, SUPERPAVE HMA, 60 SERIES COMPACTION | MT | 613.02 | PLACING TOPSOIL - TYPE A | CM | |
| | | | 624.0109 | TYPE BB CONCRETE GUTTER | SQM | |



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

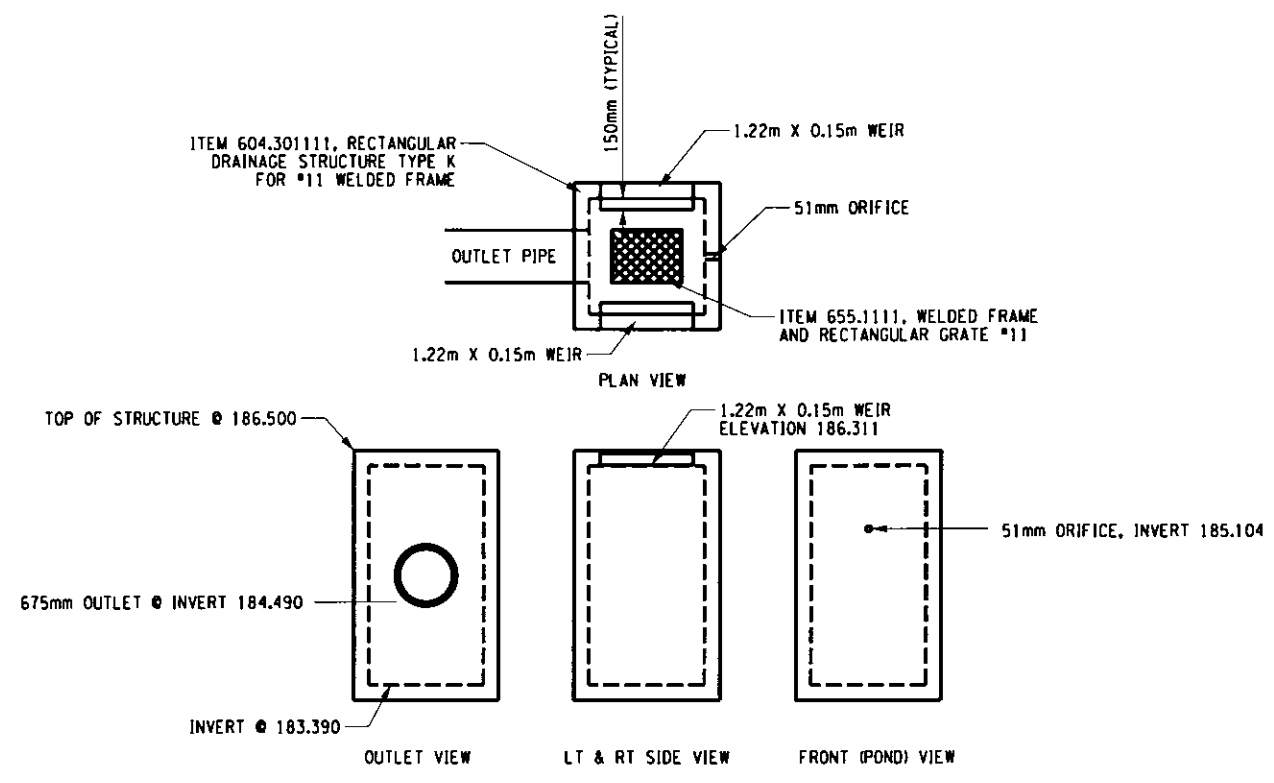
PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
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 S.H. 5444, 5086, 5195, & 9298

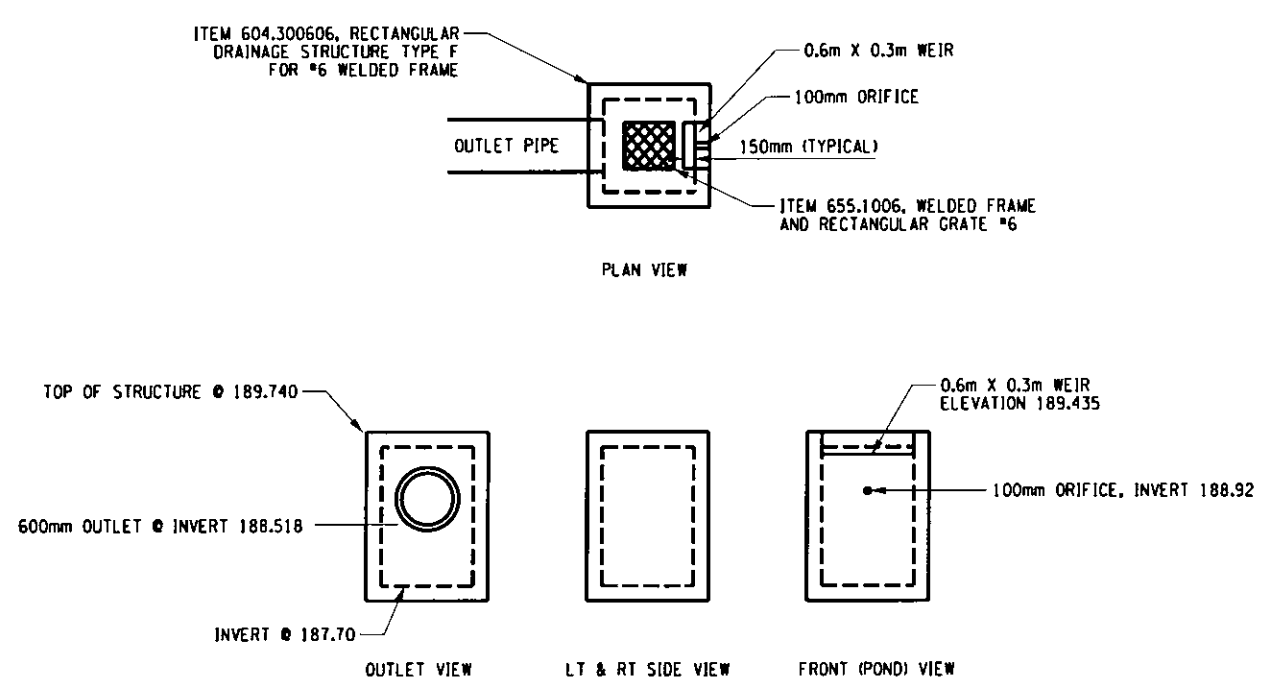


CONTRACT NUMBER D261326
 DRAWING NO. MD-1
 SHEET NO. 51

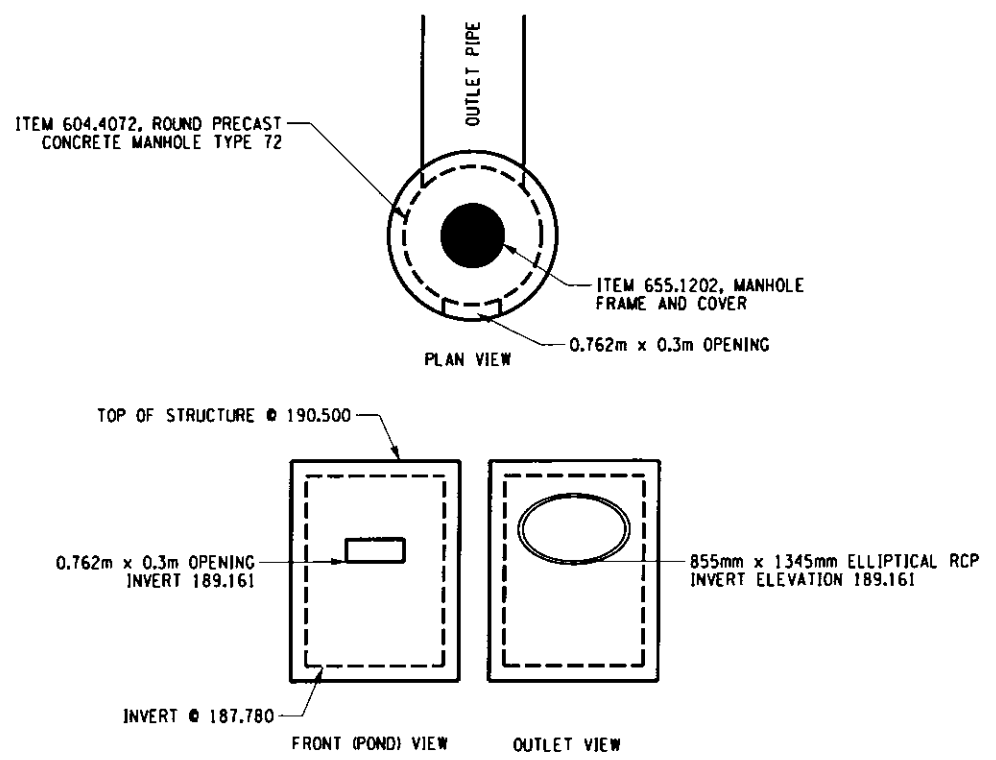
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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM



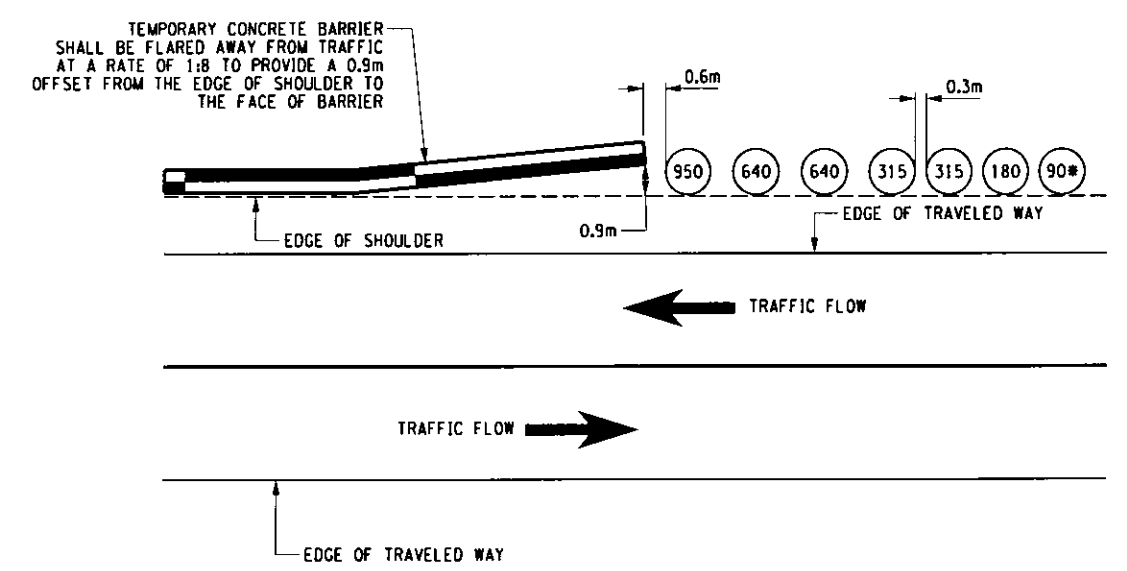
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DRAINAGE STRUCTURE DS-12
 (IN DETENTION POND @ ROUTE 30/443 INTERSECTION)
 NOT TO SCALE



DRAINAGE STRUCTURE DS-22
 (IN WETLAND @ ROUTE 30/30A INTERSECTION)
 NOT TO SCALE



* RATED SAND BARREL WEIGHTS IN KILOGRAMS
SAND BARREL ARRAY
 NOT TO SCALE

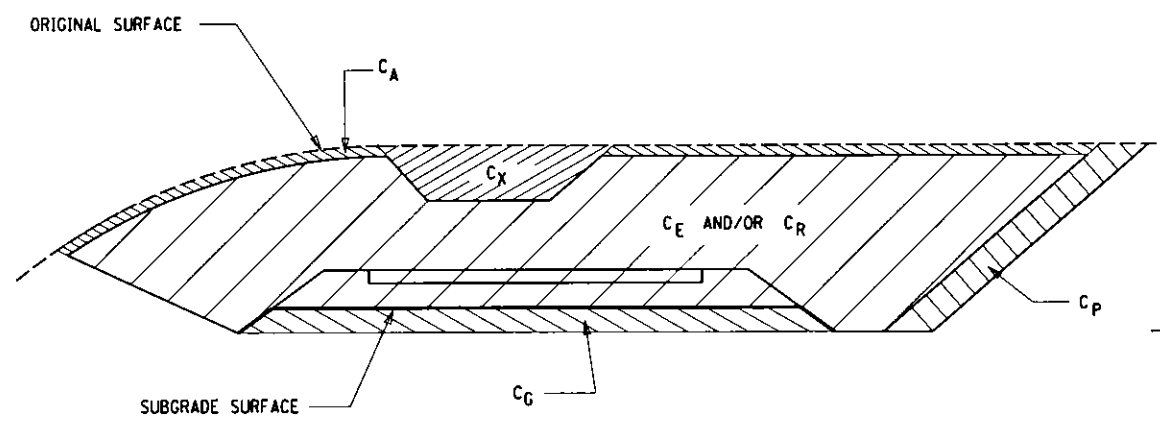
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| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| | |
| SIGNATURE _____ DATE _____ | |

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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES CULVERTS C960062 | ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED MISCELLANEOUS DETAILS S.H. 5086 & 5195 | CONTRACT NUMBER D261326 DRAWING NO. MD-2 SHEET NO. 52 | |
| | SIGNATURE _____ DATE _____ | | DOCUMENT NAME: 912505.cph.msd.02.dgn | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | |
| | DELTA ENGINEERS, ARCHITECTS, & LAND SURVEYORS | | | | | | |
| | STATE OF NEW YORK LICENSED PROFESSIONAL ENGINEER | | | | | | |

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 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR IS SHOWN ON THE DRAWING. ANY SUCH ALTERATION, ADDITION, OR DELETION SHALL BE INITIALED AND DATED, AND THE DATE OF SUCH ALTERATION, ADDITION, OR DELETION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, SHALL BE STAMPED ON THE DRAWING AND INCLUDE THE NOTATION ALTERED BY THEIR SIGNATURE.

| SUMMARY OF EARTHWORK (ITEMS 203.02 AND 203.03 ONLY) | | | | | |
|--|----------------|----------------|----------------|----------------|----------------|
| SOURCE | EXCAVATION | | | ITEM 203.02 | ITEM 203.03 |
| | T _E | C _R | T _U | C _T | F _T |
| BOX CULVERT PHASE 1 DETOUR | 123 | 0 | 132 | 255 | 237 |
| BOX CULVERT PHASE 2 DETOUR | 350 | 0 | 300 | 650 | 600 |
| ROUTE 30A | 4993 | 0 | 2970 | 7963 | 8945 |
| ROUTE 30A EAST OF ROUTE 30 | 11480 | 0 | 850 | 13330 | 1254 |
| ROUTE 30 NORTH OF ROUTE 30A | 13622 | 0 | 1088 | 14710 | 316 |
| ROUTE 30 @ ROUTE 443 | 5804 | 0 | 1519 | 7323 | 1545 |
| ROUTE 443 | 1301 | 0 | 1073 | 2374 | 3725 |
| COVERED BRIDGE ROAD | 261 | 0 | 461 | 722 | 655 |
| VROOMAN CROSS ROAD | 220 | 0 | 102 | 322 | 106 |
| TOTALS | 38154 | 0 | 9495 | 47649 | 17383 |

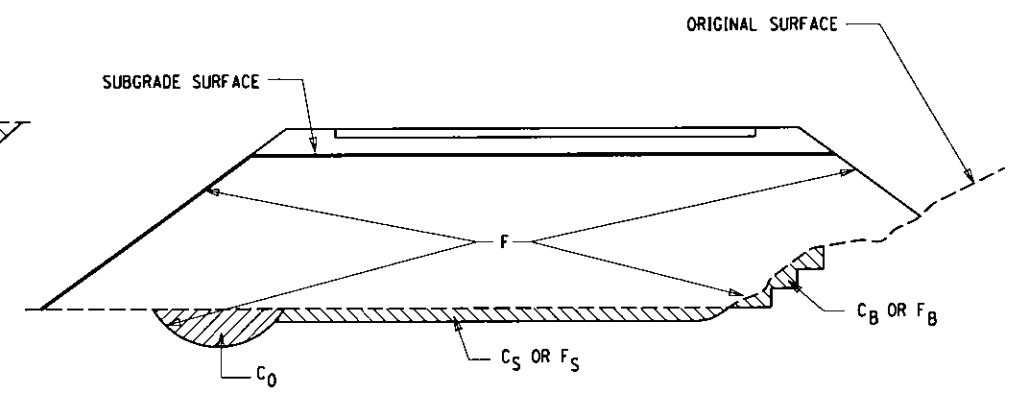
| SUMMARY OF TRENCH AND CULVERT EXCAVATION (ITEMS 206.02 AND 206.04 ONLY) | | | | |
|--|------------|-------------|-------------|-------------|
| SOURCE | EXCAVATION | | ITEM 206.02 | ITEM 206.04 |
| | ROCK | NON-ROCK | | |
| DRAINAGE - ROUTE 30/30A | 0 | 3347 | 3347 | 1380 |
| UNDERDRAIN - ROUTE 30/30A | 0 | 363 | 363 | 0 |
| STONE LINED DITCHES - ROUTE 30/30A | 0 | 837 | 837 | 0 |
| DRAINAGE - ROUTE 30/443 | 0 | 1076 | 1076 | 874 |
| UNDERDRAIN - ROUTE 30/443 | 0 | 314 | 314 | 0 |
| STONE LINED DITCHES - ROUTE 30/443 | 0 | 31 | 31 | 0 |
| TOTALS | 0 | 5968 | 5968 | 2254 |



CUT SECTION

DEFINITIONS:

- C_B - EXCAVATION FOR REQUIRED BENCHING, (BOTH LONGITUDINAL AND TRANSVERSE).
- C_G - EXCAVATION FOR SUBGRADE IMPROVEMENT.
- C_P - EXCAVATION FROM CUT SLOPE NECESSARY TO PLACE SLOPE PROTECTION.
- C_E - PORTION OF CUT ASSUMED TO BE EARTH SUITABLE FOR EMBANKMENT CONSTRUCTION, EXCLUDING C_G AND C_P.
- T_E - (C_B + C_G + C_P + C_E) TOTAL EARTH EXCAVATION ASSUMED SUITABLE FOR EMBANKMENT CONSTRUCTION.
- C_A - EXCAVATION OF TOPSOIL (UNSUITABLE MATERIAL) IN CUT.
- C_S - EXCAVATION OF TOPSOIL (UNSUITABLE MATERIAL) UNDER EMBANKMENT.
- C_X - EXCAVATION OF UNSUITABLE MATERIAL IN CUT: SWAMP OR DUMP
- C_O - EXCAVATION OF UNSUITABLE MATERIAL BENEATH EMBANKMENT: SWAMP OR DUMP
- T_U - (C_A + C_S + C_X + C_O) TOTAL EXCAVATION ASSUMED UNSUITABLE FOR EMBANKMENT CONSTRUCTION.
- C_R - PORTION OF CUT ASSUMED TO BE ROCK, INCLUDING C_G IF APPLICABLE.
- C_T - (T_E + T_U + C_R) TOTAL EXCAVATION.



FILL SECTION

DEFINITIONS:

- F_B - FILL REQUIRED TO REPLACE BENCHES.
- F_S - FILL REQUIRED TO REPLACE TOPSOIL REMOVED BENEATH EMBANKMENTS.
- F - FILL REQUIRED TO COMPLETE EMBANKMENT TO SUBGRADE SURFACE AND SIDE-SLOPES AFTER FOUNDATION IS PREPARED.
- F_T - (F_B + F_S + F) TOTAL FILL REQUIRED.
- T_A - (T_E × F_E + C_R × F_R) THE VOLUME WHICH THE SUITABLE EXCAVATED MATERIAL COULD OCCUPY IN EMBANKMENT.
- F_E - SHRINKAGE FACTOR FOR EARTH
- F_R - SWELL FACTOR FOR ROCK

NOTES:

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THESE TABLES ARE ESTIMATED, AND ARE PROVIDED FOR THE PURPOSE OF PREPARING AN ESTIMATE. THEY ARE NOT TO BE CONSTRUED AS BEING EXACT. THEY ARE INTENDED TO QUANTIFY AND QUALIFY THE NATURE OF THE WORK TO BE PERFORMED. SIGNIFICANT DIFFERENCE FROM THIS REPRESENTATION, WHEN ENCOUNTERED DURING THE ACTUAL WORK, WILL BE HANDLED ACCORDING TO THE SPECIFICATIONS GOVERNING THIS PROJECT.

203.02 UNCLASSIFIED EXCAVATION AND DISPOSAL
 203.03 EMBANKMENT IN PLACE
 206.02 TRENCH AND CULVERT EXCAVATION
 206.04 TRENCH AND CULVERT EXCAVATION - O.G.

PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN
9125.05
PS&E DATE
NOVEMBER 5, 2009

BRIDGES
CULVERTS
C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
EARTHWORK SUMMARY SHEET
 S.H. 5444, 5086, 5195, & 9298

CONTRACT NUMBER
D261326

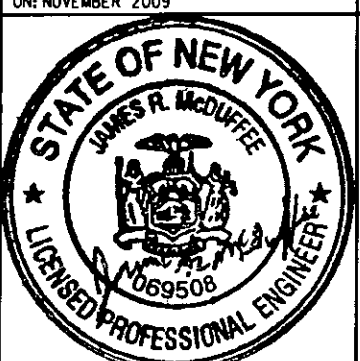
DRAWING NO. ESS-1
SHEET NO. 53



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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 ESTIMATED BY: JLM
 CHECKED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM

| SUBDIVISION NO. | LOCATION STATION TO STATION | SUITABLE EXCAVATION | | | | | ROCK C _R (SEE NOTE 4) | UNSUITABLE EXCAVATION | | | | | TOTAL EXCAVATION C _T | EMBANKMENT | | | | |
|-----------------|--|---------------------|----------------|----------------|----------------|----------------|--|--------------------------------|--------------------------------|----------------|----------------|----------------|------------------------------------|----------------|----------------|-------------|----------------|--------------|
| | | C _B | C _G | C _P | C _E | T _E | | C _A (SEE NOTE 1) | C _S (SEE NOTE 1) | C _X | C _O | T _U | | F _B | F _S | F | F _T | |
| 1 | BOX CULVERT PHASE 1 DETOUR D1 1+020 TO D1 1+180 | | | | 123 | 123 | | 99 | 33 | | | | 132 | 255 | | 33 | 234 | 237 |
| 2 | BOX CULVERT PHASE 2 DETOUR D 2+060 TO D 2+210 | | | | 350 | 350 | | 160 | 140 | | | | 300 | 650 | | 140 | 460 | 600 |
| 3 | ROUTE 30A 1+010 TO 1+470 | | | | 4993 | 4993 | | 2394 | 576 | | | | 2970 | 7963 | | 576 | 8369 | 8945 |
| 4 | ROUTE 30 EAST OF ROUTE 30A 1+470 TO 1+890 | | | | 11480 | 11480 | | 1656 | 194 | | | | 1850 | 13330 | | 194 | 1060 | 1254 |
| 5 | ROUTE 30 NORTH OF ROUTE 30A 10+008 TO 10+185 | | | | 13622 | 13622 | | 932 | 156 | | | | 1088 | 14710 | | 156 | 160 | 316 |
| 6 | ROUTE 30 @ ROUTE 443 0+930 TO 1+315 | | | | 5804 | 5804 | | 974 | 545 | | | | 1519 | 7323 | | 545 | 1000 | 1545 |
| 7 | ROUTE 443 10+045 TO 10+405 | | | | 1301 | 1301 | | 404 | 669 | | | | 1073 | 2374 | | 669 | 3056 | 3725 |
| 8 | COVERED BRIDGE ROAD 100+004 TO 100+085 | | | | 261 | 261 | | 181 | 280 | | | | 461 | 722 | | 280 | 375 | 655 |
| 9 | VROOMAN CROSS ROAD 20+490 TO 20+565 | | | | 220 | 220 | | 41 | 61 | | | | 102 | 322 | | 61 | 45 | 106 |
| TOTALS | | | | | 38154 | 38154 | | 6841 | 2654 | | | | 9495 | 47649 | | 2654 | 14759 | 17383 |

- NOTES:
- TOPSOIL AND SOD DEPTH ESTIMATED TO BE AT 300mm FOR STRIPPING
 - FOR DEFINITIONS AND NOTES SEE DWG. ESS-1
 - APPLICABLE DETOUR REMOVAL QUANTITIES ARE INCLUDED IN SUMMARY SHOWN ABOVE.
 - C_R REPRESENTS ESTIMATED CONCRETE PAVEMENT REMOVAL VOLUME.

| | |
|---|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
|  | |

| | | | | | |
|--|---|---|------------------------------------|--|----------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES CULVERTS C960062 | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED EARTHWORK SUMMARY SHEET | CONTRACT NUMBER 0261326 |
| | SIGNATURE _____ DATE _____ | S.H. 5444, 5086, 5195, & 9298 | | DRAWING NO. ESS-2 SHEET NO. 54 | |

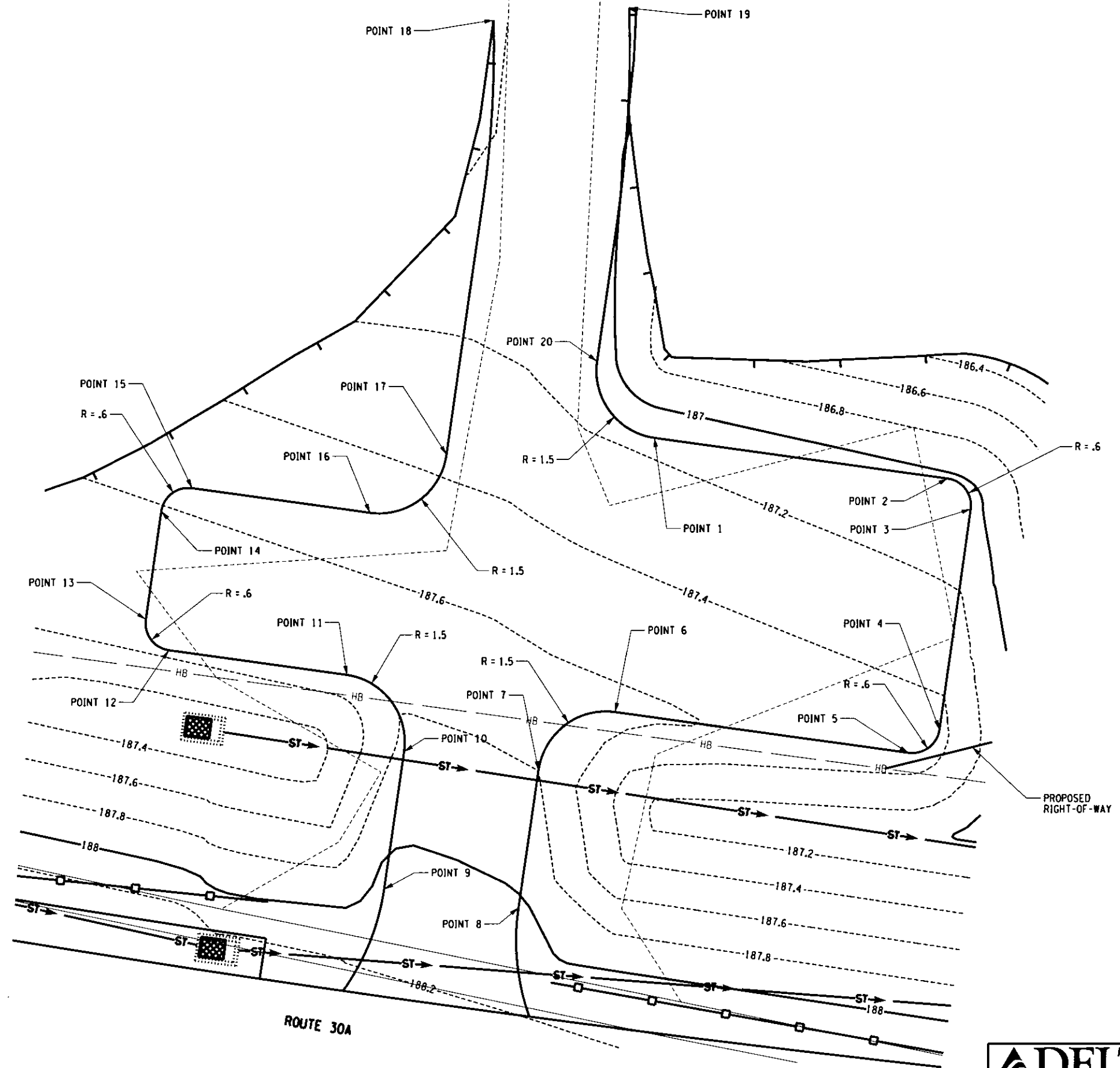
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NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

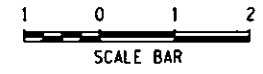


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 DESIGN SUPERVISOR = JRM
 JOB MANAGER = JRM
 CHECKED BY = JRM
 ESTIMATED BY = JRM
 DRAFTED BY = CJM/JRM
 CHECKED BY = CJM/JRM

| LAYOUT DATA | | | |
|--------------|------------------|-----------|-----------|
| POINT NUMBER | BASELINE STATION | OFFSET | ELEVATION |
| 1 | B 10+128.963 | 14.457 LT | 187.17 |
| 2 | B 10+135.516 | 14.768 LT | 187.04 |
| 3 | B 10+136.144 | 14.197 LT | 187.07 |
| 4 | B 10+136.376 | 9.303 LT | 187.46 |
| 5 | B 10+135.805 | 8.675 LT | 187.52 |
| 6 | B 10+129.253 | 8.363 LT | 187.65 |
| 7 | B 10+127.826 | 6.794 LT | 187.80 |
| 8 | B 10+127.971 | 3.726 LT | 188.02 |
| 9 | B 10+124.975 | 3.583 LT | 188.08 |
| 10 | B 10+124.829 | 6.652 LT | 187.86 |
| 11 | B 10+123.259 | 8.079 LT | 187.70 |
| 12 | B 10+119.314 | 7.891 LT | 187.62 |
| 13 | B 10+118.686 | 8.462 LT | 187.70 |
| 14 | B 10+118.572 | 10.859 LT | 187.61 |
| 15 | B 10+119.143 | 11.487 LT | 187.65 |
| 16 | B 10+123.089 | 11.675 LT | 187.50 |
| 17 | B 10+124.516 | 13.244 LT | 187.36 |
| 18 | B 10+123.724 | 22.835 LT | 187.18 |
| 19 | B 10+126.654 | 24.480 LT | 187.09 |
| 20 | B 10+127.394 | 15.884 LT | 187.11 |



NOTE:
 1. EROSION CONTROL MATERIAL SHALL BE PLACED ON ALL DISTURBED SLOPES 3:1 OR STEEPER.



PREPARED BY:
 ON: NOVEMBER 2009

ALTERED BY:
 ON:

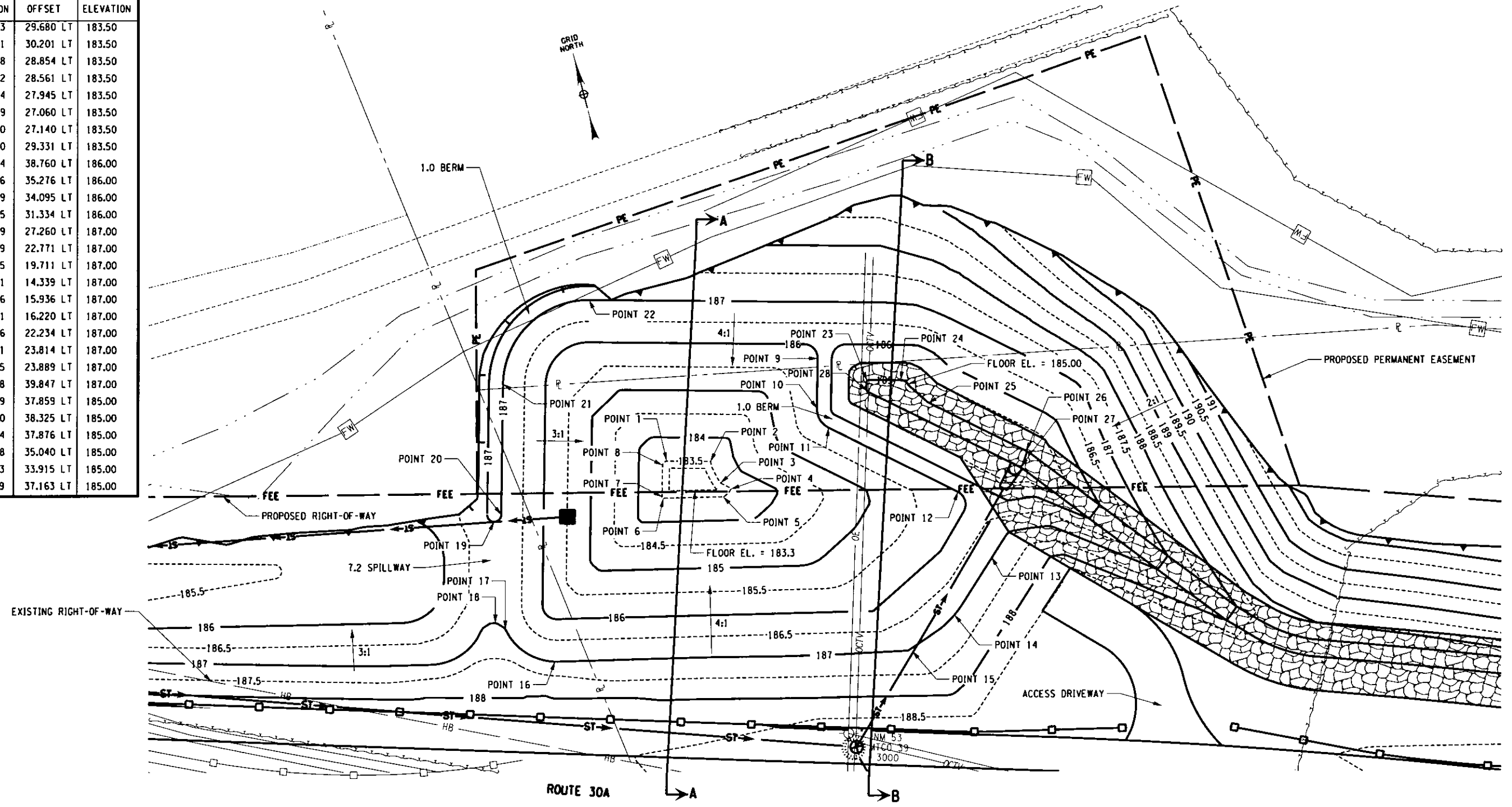
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| | NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | | | | | | D261326 |
| SIGNATURE | DATE | ROUTES 30/30A INTERSECTION DRIVEWAY/PARKING LOT LAYOUT STA. 1+255.8 +/- LT. S.H. 5195 | | DRAWING NO. LAYOUT-1 SHEET NO. 55 | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |



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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: JLM
 DRAFTED BY: CJM/JRM
 ESTIMATED BY: JRM

| LAYOUT DATA | | | | |
|--------------|------------------|--------|----|-----------|
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| 1 | B 10+203.823 | 29.680 | LT | 183.50 |
| 2 | B 10+206.861 | 30.201 | LT | 183.50 |
| 3 | B 10+207.858 | 28.854 | LT | 183.50 |
| 4 | B 10+208.642 | 28.561 | LT | 183.50 |
| 5 | B 10+208.224 | 27.945 | LT | 183.50 |
| 6 | B 10+204.089 | 27.060 | LT | 183.50 |
| 7 | B 10+203.970 | 27.140 | LT | 183.50 |
| 8 | B 10+203.580 | 29.331 | LT | 183.50 |
| 9 | B 10+212.954 | 38.760 | LT | 186.00 |
| 10 | B 10+213.576 | 35.276 | LT | 186.00 |
| 11 | B 10+214.649 | 34.095 | LT | 186.00 |
| 12 | B 10+224.525 | 31.334 | LT | 186.00 |
| 13 | B 10+227.749 | 27.260 | LT | 187.00 |
| 14 | B 10+225.939 | 22.771 | LT | 187.00 |
| 15 | B 10+223.485 | 19.711 | LT | 187.00 |
| 16 | B 10+198.731 | 14.339 | LT | 187.00 |
| 17 | B 10+194.846 | 15.936 | LT | 187.00 |
| 18 | B 10+194.071 | 16.220 | LT | 187.00 |
| 19 | B 10+192.646 | 22.234 | LT | 187.00 |
| 20 | B 10+193.051 | 23.814 | LT | 187.00 |
| 21 | B 10+191.435 | 23.889 | LT | 187.00 |
| 22 | B 10+196.288 | 39.847 | LT | 187.00 |
| 23 | B 10+216.719 | 37.859 | LT | 185.00 |
| 24 | B 10+219.050 | 38.325 | LT | 185.00 |
| 25 | B 10+219.694 | 37.876 | LT | 185.00 |
| 26 | B 10+228.718 | 35.040 | LT | 185.00 |
| 27 | B 10+228.563 | 33.915 | LT | 185.00 |
| 28 | B 10+216.839 | 37.163 | LT | 185.00 |



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
**ROUTES 30/30A INTERSECTION
 EXTENDED DETENTION POND**
 S.H. 5195

CONTRACT NUMBER D261326
 DRAWING NO. LAYOUT-2
 SHEET NO. 56

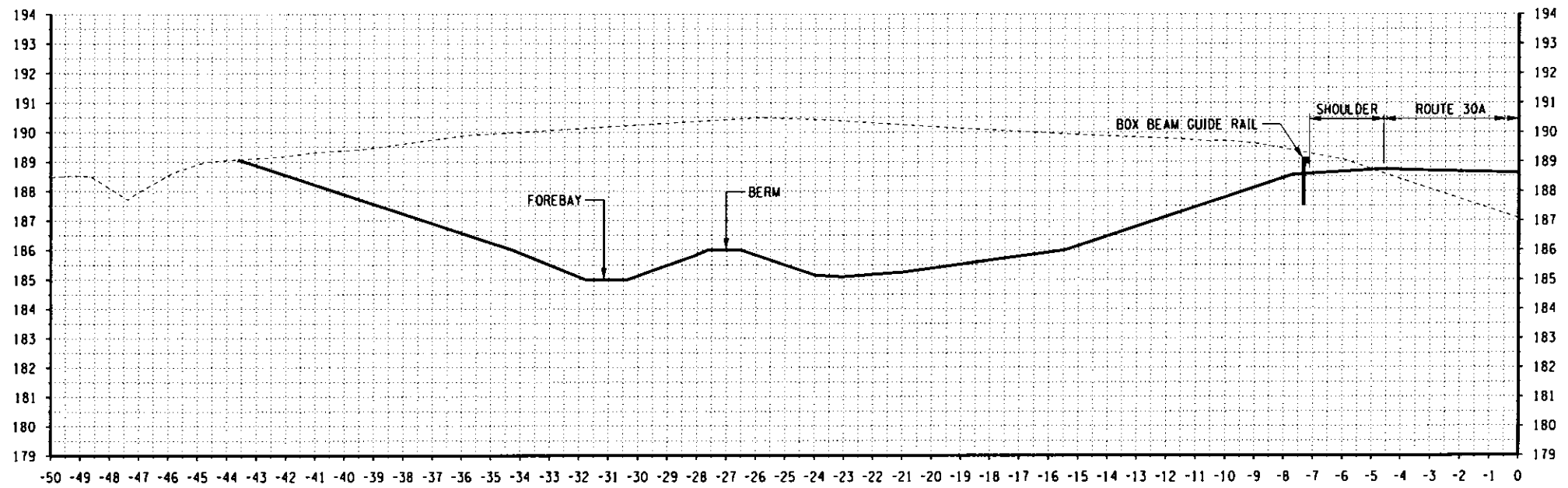
NOTE:
1. SEE DWG. NO. LAYOUT-3 FOR SECTIONS A-A AND B-B.



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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JLW
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM



ROUTE 30A 1+338.00
SECTION A-A



ROUTE 30A 1+352.00
SECTION B-B

| | |
|-----------------------------------|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| | |
| SIGNATURE _____ DATE _____ | |

AS BUILT REVISIONS
DESCRIPTION OF WORK:

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN
9125.05
PS&E DATE
NOVEMBER 5, 2009

BRIDGES
CULVERTS
C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
**ROUTES 30/30A
 EXTENDED DETENTION POND DETAILS**
 S.H. 5195

CONTRACT NUMBER
D261326
DRAWING NO. LAYOUT-3
SHEET NO. 57



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 USER = ssoonyahyn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM
 ESTIMATED BY: JRM
 DESIGNED BY: CJM
 CHECKED BY: CJM/JRM

GENERAL NOTES


- THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE APPLICABLE DEPARTMENT OF ENVIRONMENTAL CONSERVATION WATER QUALITY CERTIFICATION, SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES, AND ANY APPLICABLE A.C.O.E. PERMITS.
- EMPHASIS MUST BE PLACED ON PREVENTING EROSION AT THE SOURCE, NOT CATCHING SEDIMENT AT THE BOTTOM OF THE SLOPE OR IN THE CHANNEL. SLOPES THAT ARE STABILIZED WILL REDUCE EROSION SIGNIFICANTLY, AND REDUCE THE EFFORT REQUIRED FOR THE MAINTENANCE OF CONTROL MEASURES. STEEP SLOPES THAT CANNOT BE STABILIZED QUICKLY, DUE TO WEATHER OR OTHER CONSTRAINTS, SHALL BE COVERED WITH ROLLED EROSION CONTROL MATERIALS AS DETAILED IN THESE PLANS.
- THE FOLLOWING RESOURCES ARE TO BE PROTECTED DURING CONSTRUCTION:
 - UNNAMED TRIBUTARY TO SCHOHARIE CREEK (ON ROUTE 30A)
 - WETLANDS AS INDICATED ON THE PLANS
 - INDIVIDUAL TREES AS INDICATED ON THE PLANS
 - FOX CREEK ADJACENT TO COVERED BRIDGE ROAD OUTLET PIPE
- VEGETATED AREAS SHALL BE CONSIDERED AS PERMANENTLY STABILIZED WHEN A MINIMUM UNIFORM VEGETATIVE COVER OF 80 PERCENT IS ESTABLISHED, AND AS APPROVED BY THE ENGINEER.
- ALL IN-STREAM WORK SHALL BE CONDUCTED DURING THE PERIODS OF LOW FLOW.
- IN THE EVENT DEWATERING OPERATIONS BECOME NECESSARY, THE PUMP DISCHARGE SHALL BE TO AN APPROVED UPLAND VEGETATED AREA OUTSIDE OF THE STREAM BED A.O.B.E.
- THE DETAILS SHOWN FOR THE BOX CULVERT ARE BASED ON THE ASSUMPTION THAT THE WATER IN THE STREAM WILL BE DIVERTED DURING THE ENTIRE CONSTRUCTION OF THE BOX CULVERT UNDER ITEM 553.030001, TEMPORARY WATER DIVERSION STRUCTURE. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL THE CONSTRUCTION PROCEDURE AND SKETCHES SHOWING THE PROPOSED PROCEDURE. THE PROCEDURE SHALL CONFORM TO ALL EROSION AND SEDIMENT CONTROL REQUIREMENTS INDICATED IN THE PROJECT PERMITS.

SEQUENCE OF CONSTRUCTION

- ROADSIDE DITCHES SHALL BE CONSTRUCTED AS EARLY AS POSSIBLE IN THE CONSTRUCTION SEQUENCE. STONE FILLING AND GEOTEXTILE SHALL BE CONSTRUCTED IMMEDIATELY FOLLOWING EXCAVATION AND GRADING OF THE DITCHES.
- EXCAVATED MATERIAL MAY BE TEMPORARILY STOCKPILED IN ACCORDANCE WITH THE STOCKPILE DETAIL UNTIL SUCH A TIME THAT IT IS TAKEN TO A PERMANENT SPOIL AREA OR USED WITHIN THE PROJECT. ON-SITE STOCKPILE LOCATIONS SHALL BE AT THE CONTRACTOR'S DISCRETION AND APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL ESTABLISH A STAGING AREA FOR CONSTRUCTION OPERATIONS. ROCK CONSTRUCTION ENTRANCES AND ADDITIONAL EROSION CONTROL MEASURES, AS NECESSARY, SHALL BE INSTALLED TO LIMIT EXPOSED AREAS AND CONTROL SOIL EROSION.
- INSTALL CONSTRUCTION FENCE TO PROTECT WETLANDS AND OTHER SENSITIVE AREAS, AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE MADE UNDER ITEM 08615.0402, TREE/VEGETATION PROTECTION BARRIER. SEE DWG. NO.'S MST-3 AND MST-6 FOR TABLE OF LOCATIONS.
- INSTALL SILT FENCE (ITEM 209.13), MEASURE SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATION IS ESTABLISHED WITHIN THE PROJECT LIMITS. SILT FENCE WILL BE INSTALLED AROUND ALL STOCKPILE AREAS AND STAGING AREAS ESTABLISHED BY THE CONTRACTOR DURING THE CONSTRUCTION PHASE.
- INSTALL THE PROPOSED STORMWATER DRAINAGE SYSTEMS AS INDICATED ON THE PLANS. INSTALL DRAINAGE STRUCTURE INLET PROTECTION AND RIPRAP APRONS AT OUTFALL LOCATIONS AS INDICATED ON THE PLANS. THE RIPRAP OUTLET APRONS SHALL BE CONSTRUCTED BEFORE INSTALLING THE ASSOCIATED OUTLET.
- EROSION CONTROL MATTING SHALL BE INSTALLED ON ALL SLOPES 3:1 OR STEEPER. PAYMENT TO BE MADE UNDER ITEM 209.190201. SEE DWG. NO.'S MST-3 AND MST-6 FOR TABLE OF LOCATIONS.
- THE TEMPORARY BEST MANAGEMENT PRACTICES (BMP'S) SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND PERMANENT VEGETATION IS ESTABLISHED.
- REMOVE THE CONSTRUCTION ENTRANCES AFTER CONSTRUCTION IS COMPLETED. THIS WORK IS TO BE INCLUDED IN PRICE BID FOR ITEM 209.22.
- AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED AND PERMANENT VEGETATION ESTABLISHED, TEMPORARY EROSION CONTROL PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED. AREAS DISTURBED DURING REMOVAL MUST BE STABILIZED IMMEDIATELY.

LAND GRADING NOTES

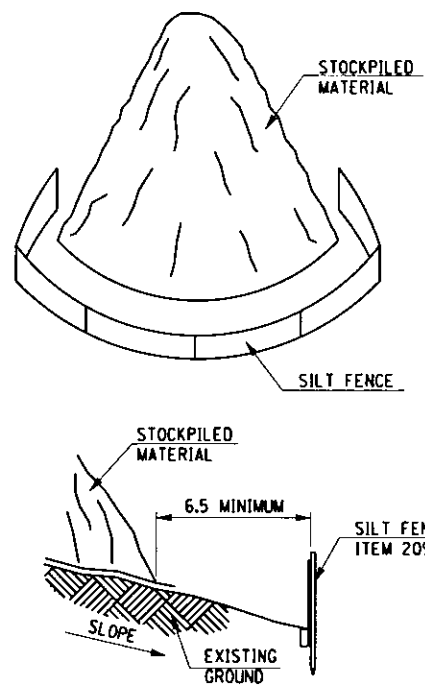
- ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
- TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN THE AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
- AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL, VEGETATION, ROOTS, OR OTHER OBJECTIONABLE MATERIAL, AS ORDERED BY THE ENGINEER.
- AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 100mm PRIOR TO PLACEMENT OF TOPSOIL.

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| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES CULVERTS C960062 | CONTRACT NUMBER D261326 |
| | SIGNATURE _____ DATE _____ | | EROSION & SEDIMENT CONTROL NOTES S.H. 5444, 5086, 5195, & 9298 | |
| DOCUMENT NAME: 912505.cph.ecn.dgn | | | | DRAWING NO. ESCN-1 SHEET NO. 61 |

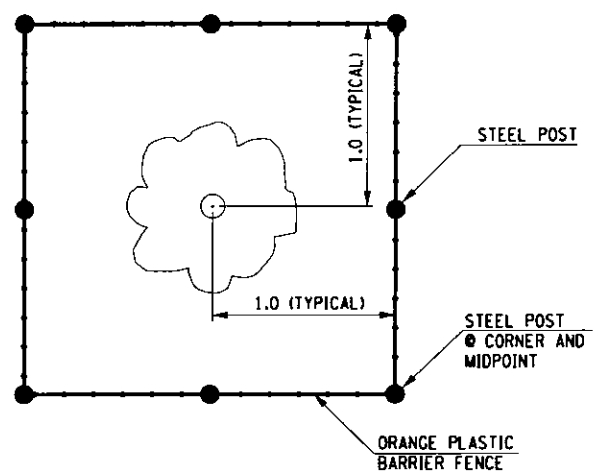


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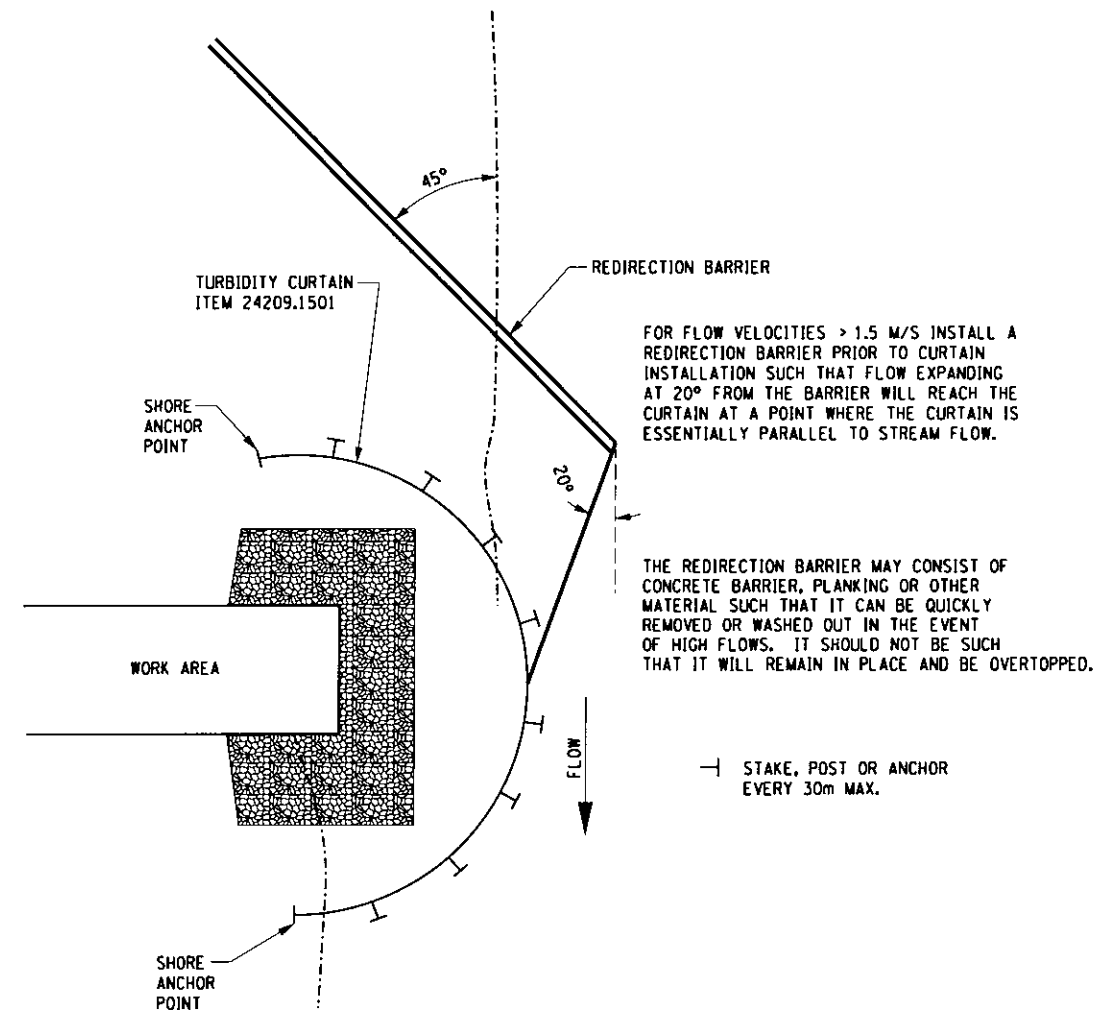


- NOTES:
1. STOCKPILED MATERIAL SHALL BE COVERED WITH TARPS IMMEDIATELY FOLLOWING COMPLETION OF EXCAVATION EFFORT.
 2. ALL STOCKPILES TO BE ENCLOSED BY SILT FENCE, ITEM 209.13, PLACED AS DISCUSSED IN THE SILT FENCE NOTES ON STANDARD SHEET M209-1.
 3. WORK AND TARPS ARE SUBSIDIARY TO THE PROJECT.
 4. ONSITE STOCKPILE LOCATIONS TO BE WITHIN ROW, AT THE DISCRETION OF THE CONTRACTOR AND APPROVED BY THE ENGINEER.

STOCKPILE DETAIL



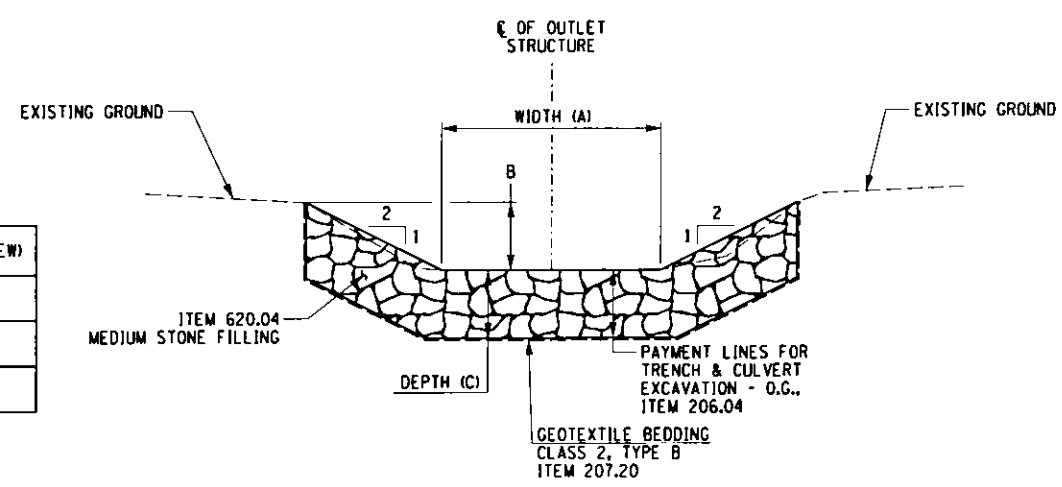
**TREE/VEGETATION PROTECTION BARRIER DETAIL
ITEM 08615.0402**



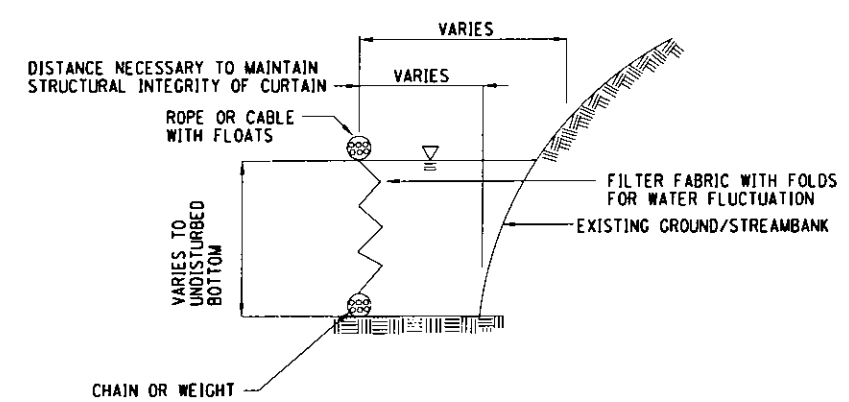
TURBIDITY CURTAIN (ITEM 24209.1501) PLAN

TABLE OF PAD DIMENSIONS

| PAD LOCATION | A | B | C | LENGTH (PLAN VIEW) |
|--------------------------------|-----|-------------------|-----|--------------------|
| COVERED BRIDGE ROAD 100+040 RT | 2.7 | 0.6 | 0.6 | 11.8 |
| COVERED BRIDGE ROAD 99+995 RT | 1.9 | N/A (STREAM BANK) | 0.6 | 11.8 |
| ROUTE 443 10+356 RT | 1.2 | N/A | 0.6 | 3.5 |



**STONE OUTLET PAD TYPICAL SECTION
NOT TO SCALE**



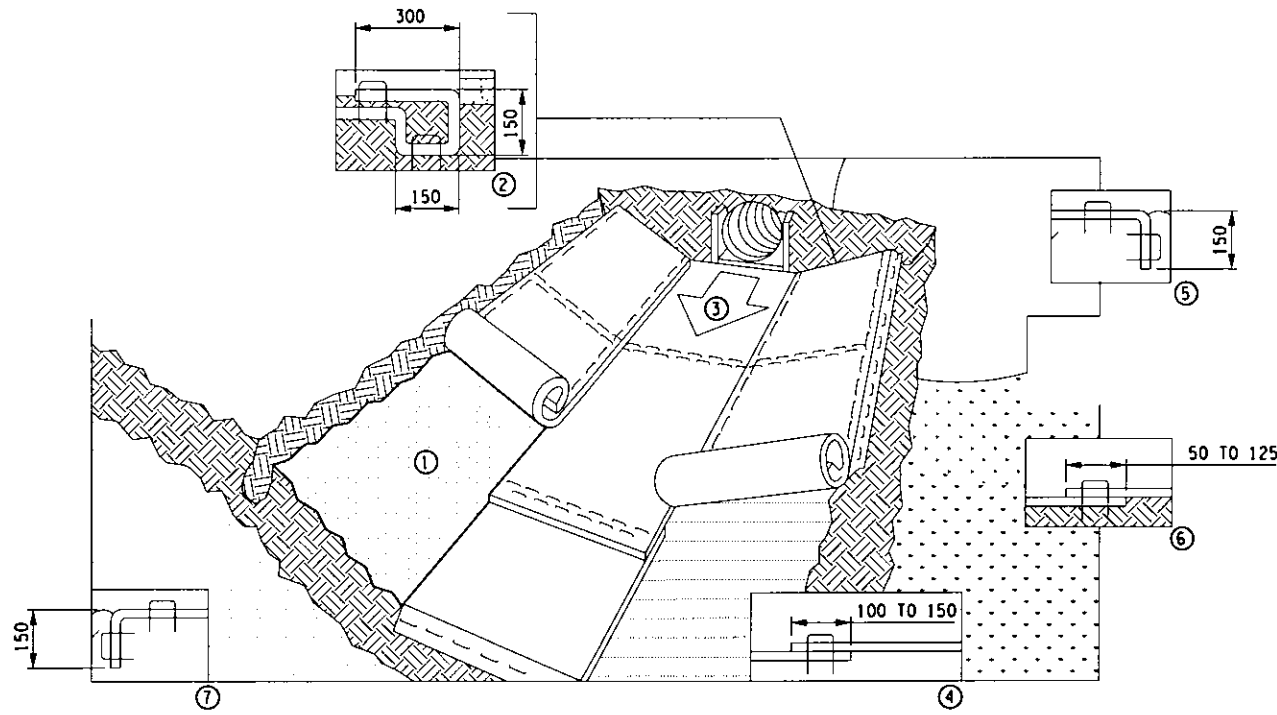
TURBIDITY CURTAIN (ITEM 24209.1501) ELEVATION

PREPARED BY: ON: NOVEMBER 2009
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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED EROSION & SEDIMENT CONTROL DETAILS | CONTRACT NUMBER D261326 |
| | NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE | 9125.05 PS&E DATE NOVEMBER 5, 2009 | | C960062 | | |
| SIGNATURE _____ | DATE _____ | COUNTY: SCHOHARIE COUNTY | | | DRAWING NO. ECSD-1 SHEET NO. 62 | |

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 NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

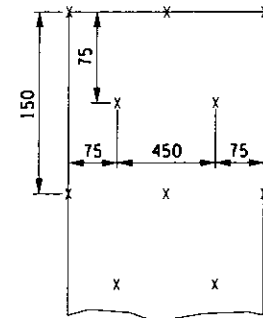
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 JOB MANAGER JRM



NOTES:

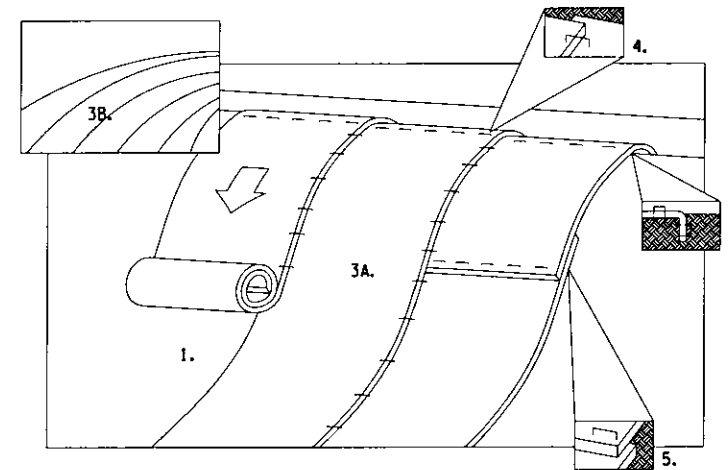
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 150 DEEP X 150 WIDE TRENCH WITH APPROXIMATELY 300 OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 300 APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 300 PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 300 APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 100-150 OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 100 APART AND 100 ON CENTER TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 300 APART IN A 150 DEEP X 150 WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 50-115 (DEPENDING ON BLANKET TYPE) AND STAPLED. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE SEAM STITCH ON THE BLANKET BEING OVERLAPPED.
7. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 300 APART IN A 150 DEEP X 150 WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

**ROLLED EROSION CONTROL MATERIAL - CLASS II TYPE B, INTERMEDIATE
DRAINAGE CHANNEL INSTALLATION DETAILS
(ITEM 209.19020)**



STAPLE PATTERN 'B' FOR SLOPE APPLICATIONS

NOTE:
 1.5 STAPLES/1 SM USING 150, 11 GA WIRE 'U' STAPLES. 200 STAPLES AND LONGER MAY BE USED FOR LOOSE SOILS. 9 GA. STAPLES OR HEAVIER MAY BE NECESSARY IN HARD OR ROCKY SOILS.



NOTES:

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 150 DEEP X 150 WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 150 OVERLAP.
5. WHEN THE BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 150 OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 300 APART.
6. EROSION CONTROL BLANKET SHALL BE INSTALLED ON SLOPES 3H:1V OR STEEPER.

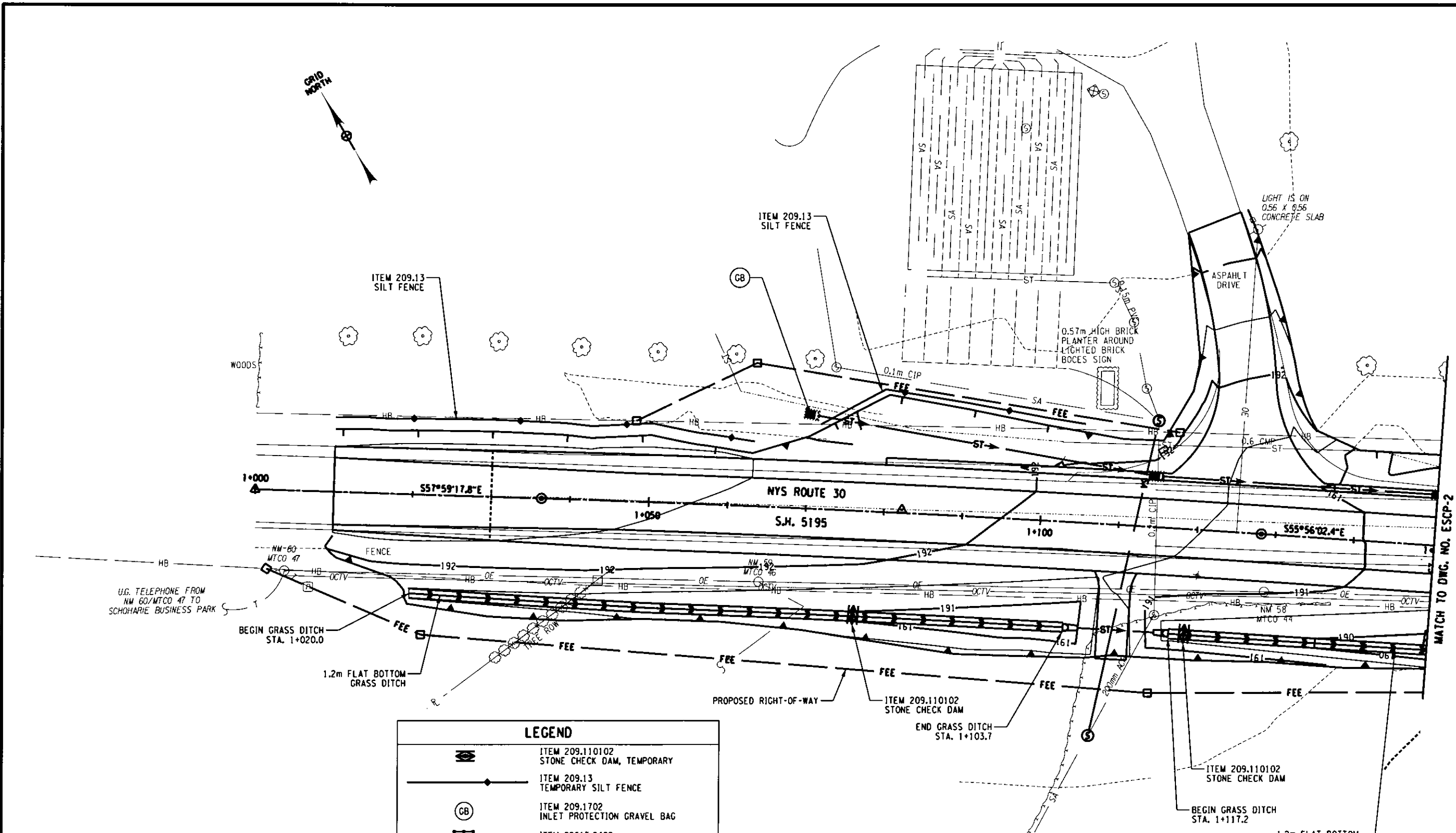
**ROLLED EROSION CONTROL MATERIAL - CLASS II TYPE B, INTERMEDIATE
SLOPE INSTALLATION DETAILS
(ITEM 209.19020)**

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| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
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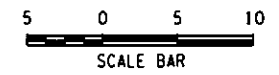


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| LEGEND | |
|--------|---|
| | ITEM 209.110102 STONE CHECK DAM, TEMPORARY |
| | ITEM 209.13 TEMPORARY SILT FENCE |
| | ITEM 209.1702 INLET PROTECTION GRAVEL BAG |
| | ITEM 08615.0402 TREE/VEGETATION PROTECTION |
| | FILL SLOPE LIMITS |
| | CUT SLOPE LIMITS |

- NOTES:
1. EROSION CONTROL MATERIAL SHALL BE PLACED ON ALL DISTURBED SLOPES 3:1 OR STEEPER.
 2. SEE DWG. NO. MST-3 FOR TABLE OF STONE CHECK DAMS.
 3. TWO ROWS OF SILT FENCE SPACED 750mm APART SHALL BE INSTALLED WHEREVER SILT FENCE IS DEPICTED ON THE PLANS.



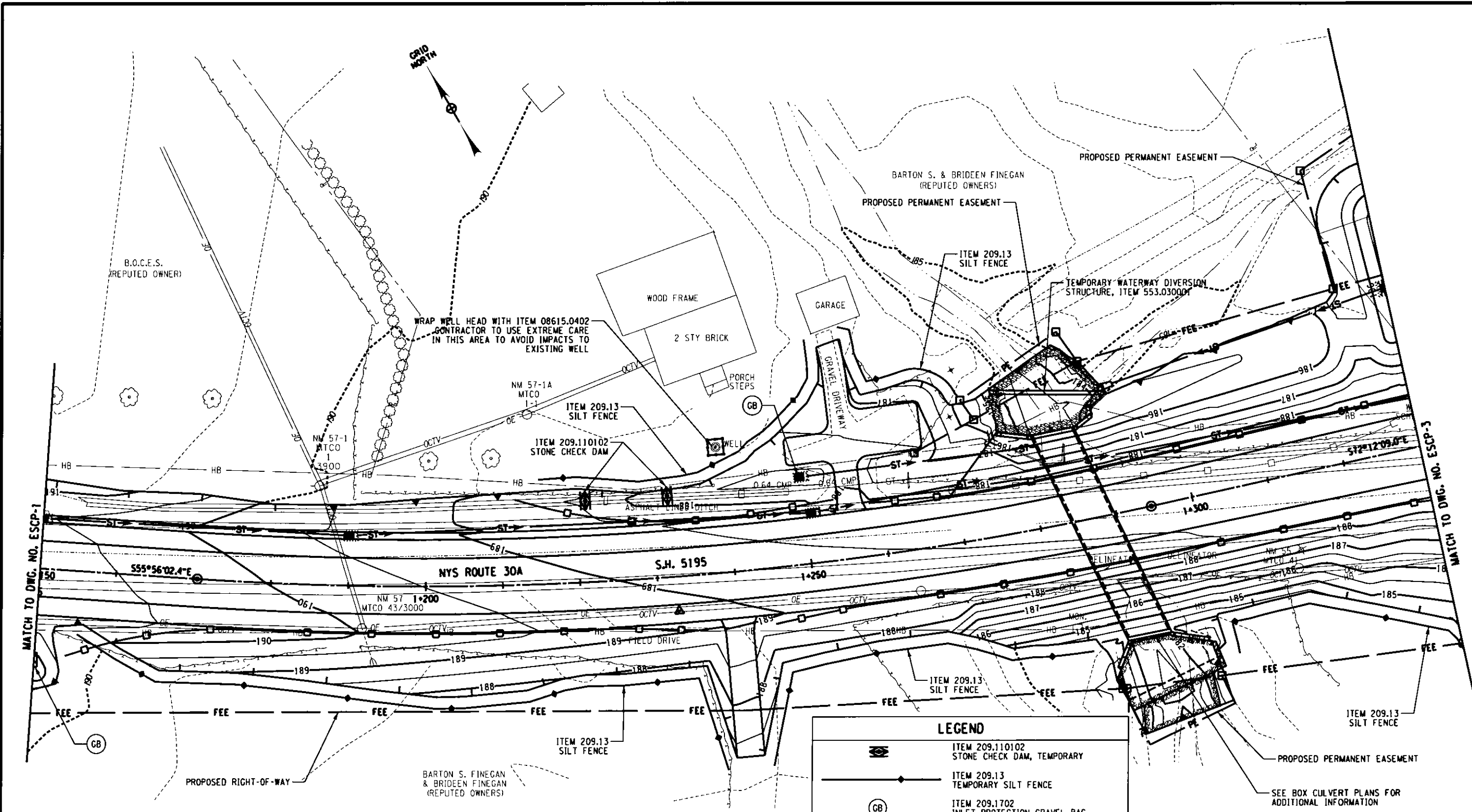
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ON:

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| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | | |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | DRAWING NO. ESCP-1 SHEET NO. 64 | |
| | COUNTY: SCHOHARIE COUNTY | | | | S.H. 5195 | |
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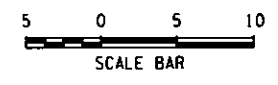
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LEGEND

- ITEM 209.110102 STONE CHECK DAM, TEMPORARY
- ITEM 209.13 TEMPORARY SILT FENCE
- ITEM 209.1702 INLET PROTECTION GRAVEL BAG
- ITEM 08615.0402 TREE/VEGETATION PROTECTION
- FILL SLOPE LIMITS
- CUT SLOPE LIMITS

- NOTES:**
- EROSION CONTROL MATERIAL SHALL BE PLACED ON ALL DISTURBED SLOPES 3:1 OR STEEPER.
 - SEE DWG. NO. MST-3 FOR TABLE OF STONE CHECK DAMS.
 - TWO ROWS OF SILT FENCE SPACED 750mm APART SHALL BE INSTALLED WHEREVER SILT FENCE IS DEPICTED ON THE PLANS.
 - TURBIDITY CURTAINS AND SILT FENCE SHALL BE USED AT APPROXIMATE LOCATIONS DURING REMOVAL AND INSTALLATION OF CULVERT.



PREPARED BY:
ON: NOVEMBER 2009

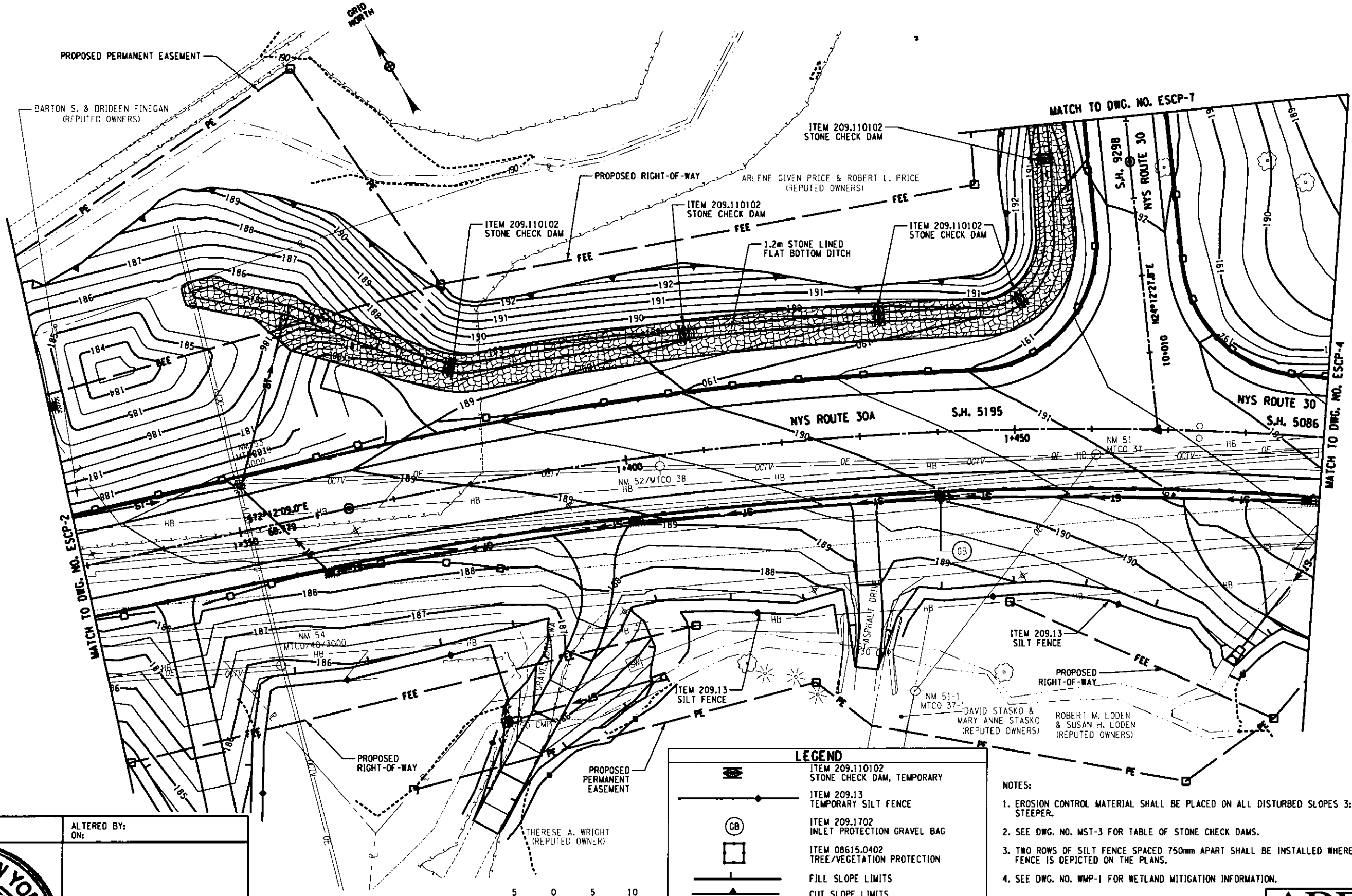
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DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

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| | PS&E DATE NOVEMBER 5, 2009 | | | | DRAWING NO. ESCP-2 SHEET NO. 65 |
| | DOCUMENT NAME: 912505.cph.escp.02.dgn | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | |

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LEGEND

- ITEM 209.110102 STONE CHECK DAM, TEMPORARY
- ITEM 209.13 TEMPORARY SILT FENCE
- ITEM 209.1702 INLET PROTECTION GRAVEL BAG
- ITEM 08615.0402 TREE/VEGETATION PROTECTION
- FILL SLOPE LIMITS
- CUT SLOPE LIMITS

- NOTES:**
1. EROSION CONTROL MATERIAL SHALL BE PLACED ON ALL DISTURBED SLOPES 3:1 OR STEEPER.
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 3. TWO ROWS OF SILT FENCE SPACED 750mm APART SHALL BE INSTALLED WHEREVER SILT FENCE IS DEPICTED ON THE PLANS.
 4. SEE DWG. NO. WMP-1 FOR WETLAND MITIGATION INFORMATION.

PREPARED BY:
ON: NOVEMBER 2009

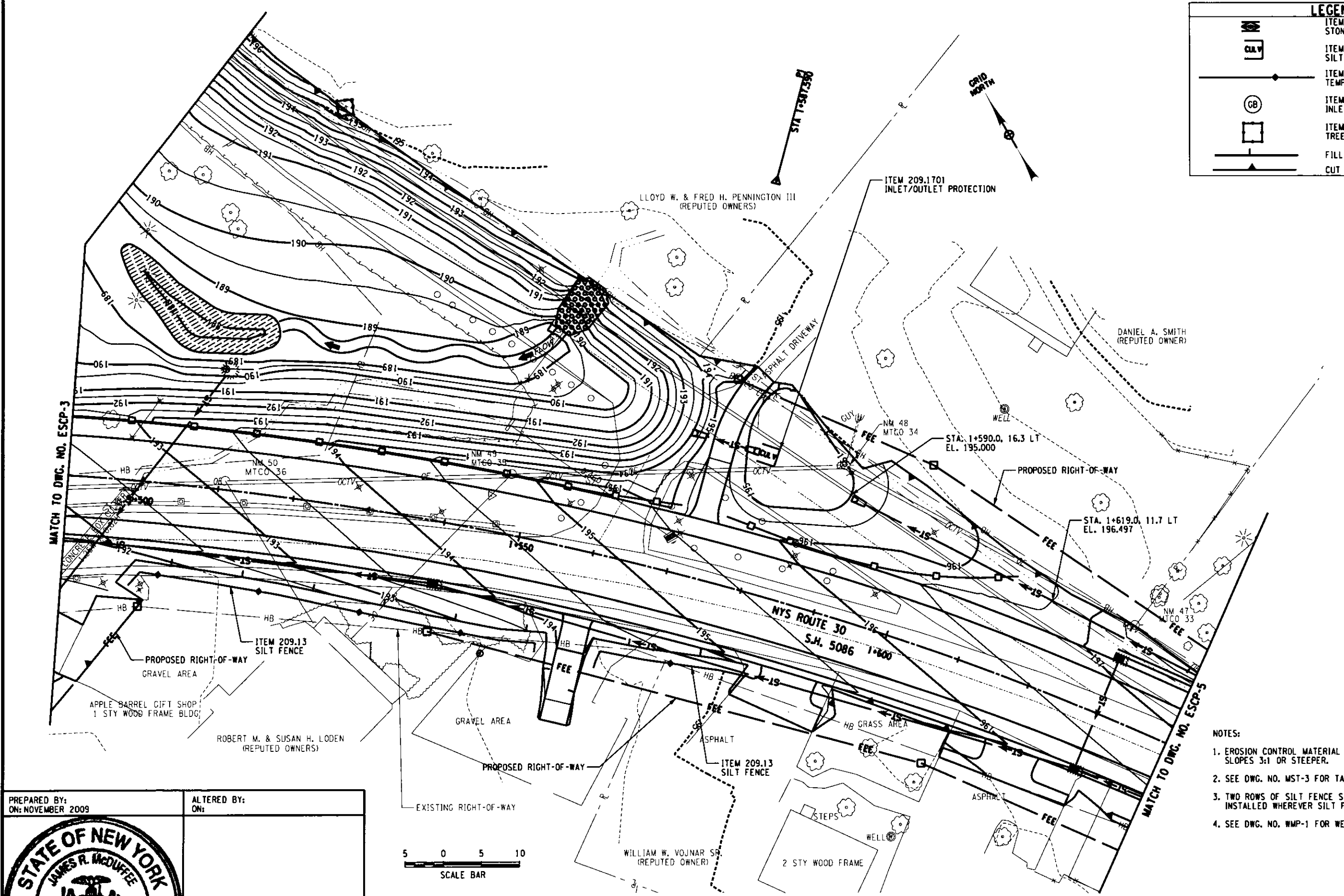
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ON:

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| | NYS ROUTES 30/30A & 30/443 | | 9125.05 | | C960062 | | |
| SIGNATURE | DATE | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | ROUTES 30/30A INTERSECTION EROSION AND SEDIMENT CONTROL PLAN | DRAWING NO. ESCP-3 SHEET NO. 66 |
| | | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | | |
| | | COUNTY: SCHOHARIE COUNTY | | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |

DOCUMENT NAME: 912505.cph_escp_03.dgn

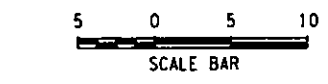
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 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER OR REMOVE ANY ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, OR TO SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 CHECKED BY: JLM
 DRAFTED BY: CJM/JRM
 ESTIMATED BY: JRM
 DESIGNED BY: CJM
 CHECKED BY: JLM
 JOB MANAGER: JRM
 DESIGN SUPERVISOR: JRM

| LEGEND | |
|--------|---|
| | ITEM 209.110102 STONE CHECK DAM, TEMPORARY |
| | ITEM 209.1701 SILT FENCE INLET/OUTLET PROTECTION |
| | ITEM 209.13 TEMPORARY SILT FENCE |
| | ITEM 209.1702 INLET PROTECTION GRAVEL BAG |
| | ITEM 08615.0402 TREE/VEGETATION PROTECTION |
| | FILL SLOPE LIMITS |
| | CUT SLOPE LIMITS |



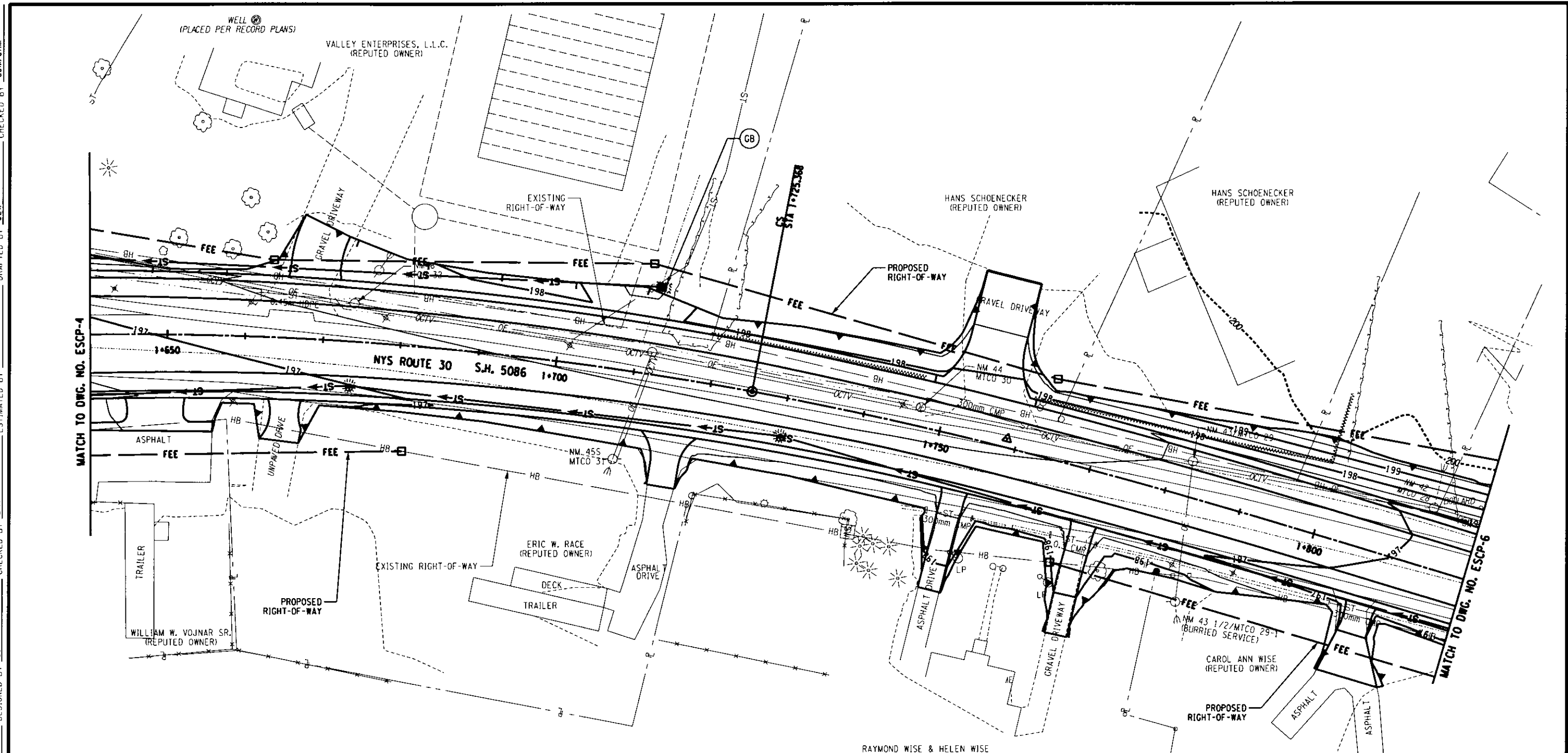
- NOTES:
1. EROSION CONTROL MATERIAL SHALL BE PLACED ON ALL DISTURBED SLOPES 3:1 OR STEEPER.
 2. SEE DWG. NO. MST-3 FOR TABLE OF STONE CHECK DAMS.
 3. TWO ROWS OF SILT FENCE SPACED 750mm APART SHALL BE INSTALLED WHEREVER SILT FENCE IS DEPICTED ON THE PLANS.
 4. SEE DWG. NO. WMP-1 FOR WETLAND MITIGATION INFORMATION.

| | | |
|--|-----------------------------------|--------------------|
| | PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| AS BUILT REVISIONS DESCRIPTION OF WORK: | | |
| SIGNATURE _____ DATE _____ | | |



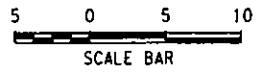
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| HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED ROUTES 30/30A INTERSECTION EROSION AND SEDIMENT CONTROL PLAN | CONTRACT NUMBER D261326 |
| | PS&E DATE NOVEMBER 5, 2009 | | | | DRAWING NO. ESCP-4 SHEET NO. 67 |
| | DOCUMENT NAME: 912505.cph_escp_04.dgn | | | | S.H. 5086 NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 |
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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM



| LEGEND | |
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| | ITEM 209.110102 STONE CHECK DAM, TEMPORARY |
| | ITEM 209.13 TEMPORARY SILT FENCE |
| | ITEM 209.1702 INLET PROTECTION GRAVEL BAG |
| | ITEM 08615.0402 TREE/VEGETATION PROTECTION |
| | FILL SLOPE LIMITS |
| | CUT SLOPE LIMITS |

- NOTES:
1. EROSION CONTROL MATERIAL SHALL BE PLACED ON ALL DISTURBED SLOPES 3:1 OR STEEPER.
 2. SEE DWG. NO. MST-3 FOR TABLE OF STONE CHECK DAMS.
 3. TWO ROWS OF SILT FENCE SPACED 750mm APART SHALL BE INSTALLED WHEREVER SILT FENCE IS DEPICTED ON THE PLANS.



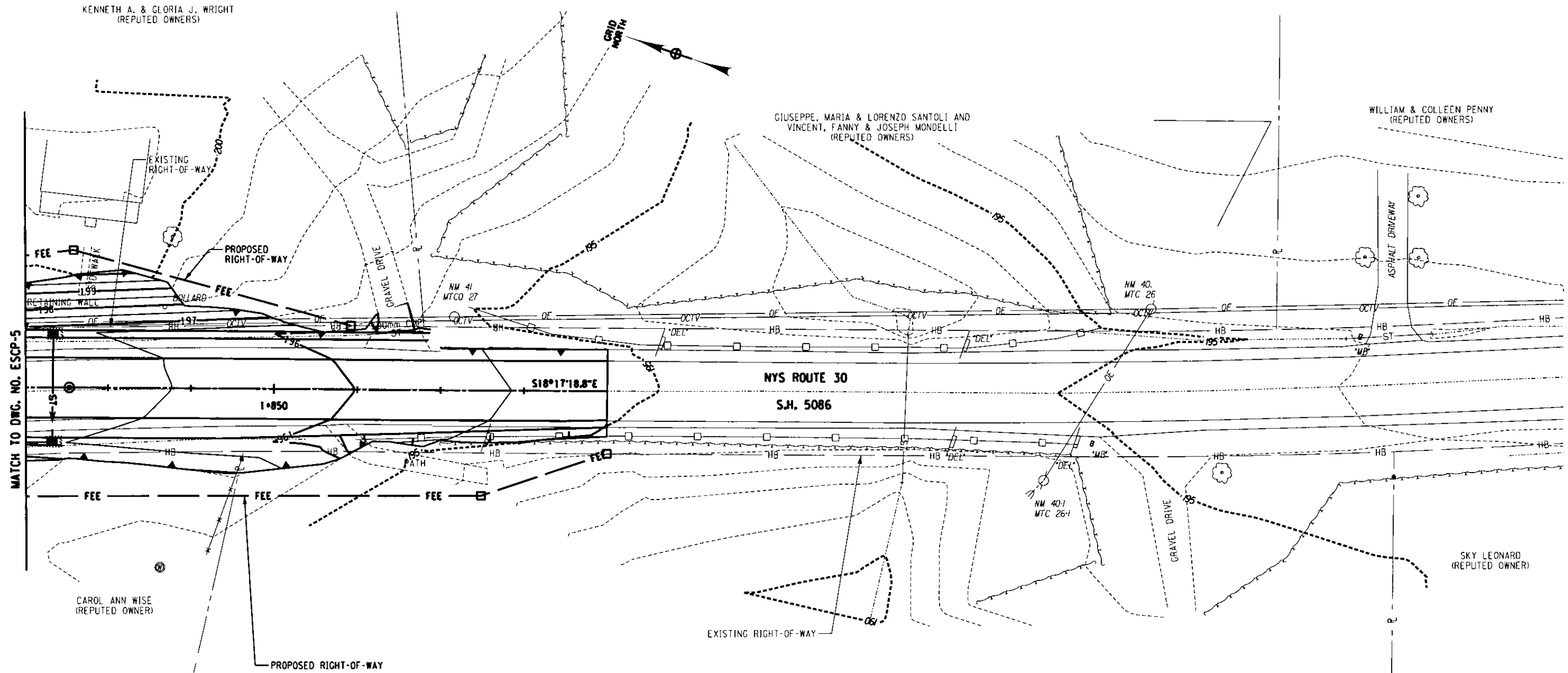
PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

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| | NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | 9125.05 PS&E DATE NOVEMBER 5, 2009 | | C960062 | | |
| SIGNATURE | DATE | DRAWING NO. ESCP-5 SHEET NO. 68 | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | |



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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: CJM
 ESTIMATED BY: JRM
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM



| LEGEND | |
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| | ITEM 209.13 TEMPORARY SILT FENCE |
| | ITEM 209.1702 INLET PROTECTION GRAVEL BAG |
| | ITEM 08615.0402 TREE/VEGETATION PROTECTION |
| | FILL SLOPE LIMITS |
| | CUT SLOPE LIMITS |

- NOTES:
- EROSION CONTROL MATERIAL SHALL BE PLACED ON ALL DISTURBED SLOPES 3:1 OR STEEPER.
 - SEE DWG. NO. MST-3 FOR TABLE OF STONE CHECK DAMS.
 - TWO ROWS OF SILT FENCE SPACED 750mm APART SHALL BE INSTALLED WHEREVER SILT FENCE IS DEPICTED ON THE PLANS.

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|-----------------------------------|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| | |

AS BUILT REVISIONS
 DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

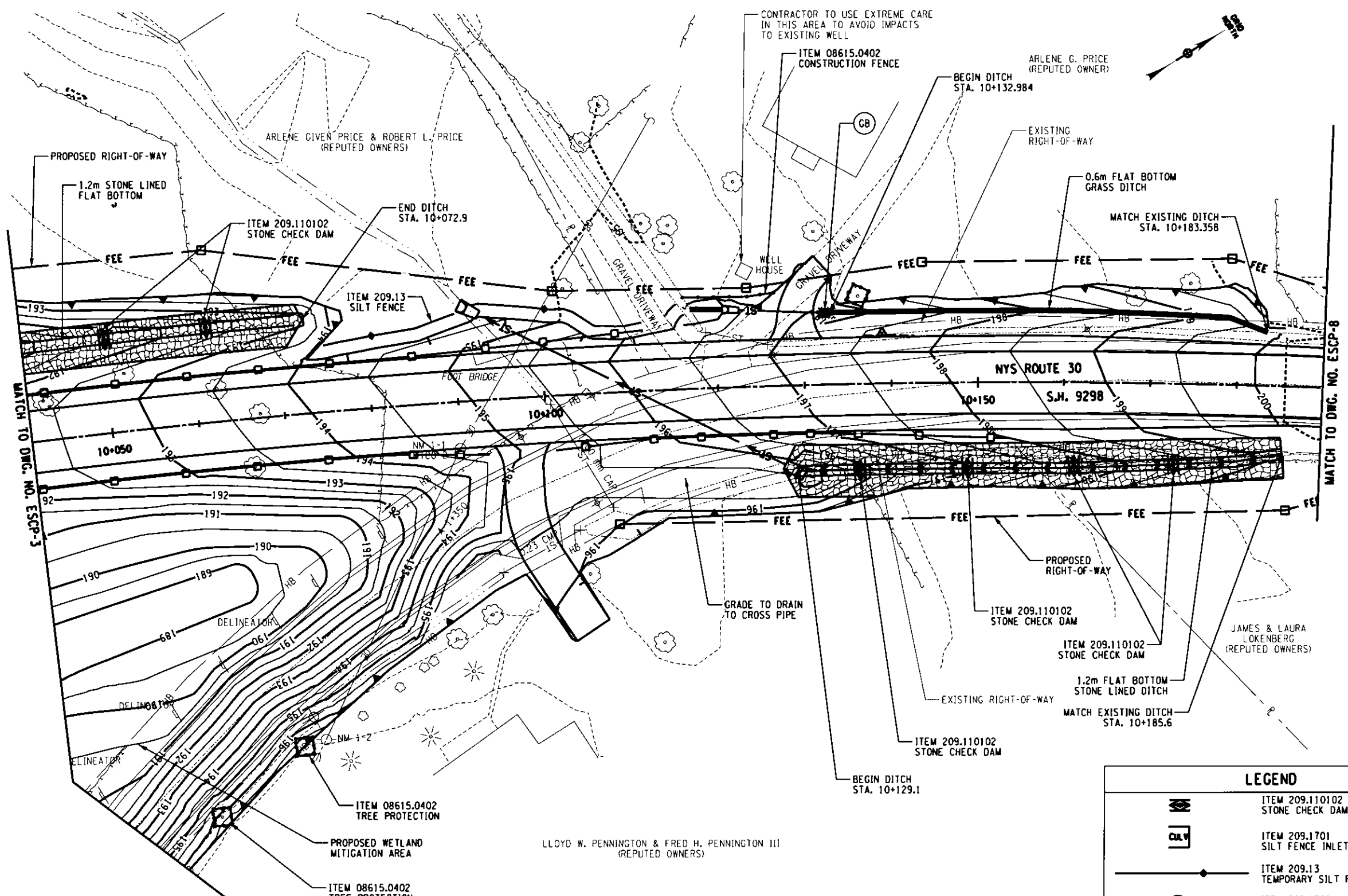
PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
**ROUTES 30/30A INTERSECTION
 EROSION AND SEDIMENT CONTROL**
 S.H. 5086

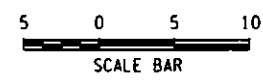


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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM



| LEGEND | |
|--------|--|
| | ITEM 209.110102 STONE CHECK DAM, TEMPORARY |
| | ITEM 209.1701 SILT FENCE INLET/OUTLET PROTECTION |
| | ITEM 209.13 TEMPORARY SILT FENCE |
| | ITEM 209.1702 INLET PROTECTION GRAVEL BAG |
| | ITEM 08615.0402 TREE/VEGETATION PROTECTION |
| | FILL SLOPE LIMITS |
| | CUT SLOPE LIMITS |

- NOTES:
1. EROSION CONTROL MATERIAL SHALL BE PLACED ON ALL DISTURBED SLOPES 3:1 OR STEEPER.
 2. SEE DWG. NO. MST-3 FOR TABLE OF STONE CHECK DAMS.
 3. TWO ROWS OF SILT FENCE SPACED 750mm APART SHALL BE INSTALLED WHEREVER SILT FENCE IS DEPICTED ON THE PLANS.



PREPARED BY:
ON: NOVEMBER 2009

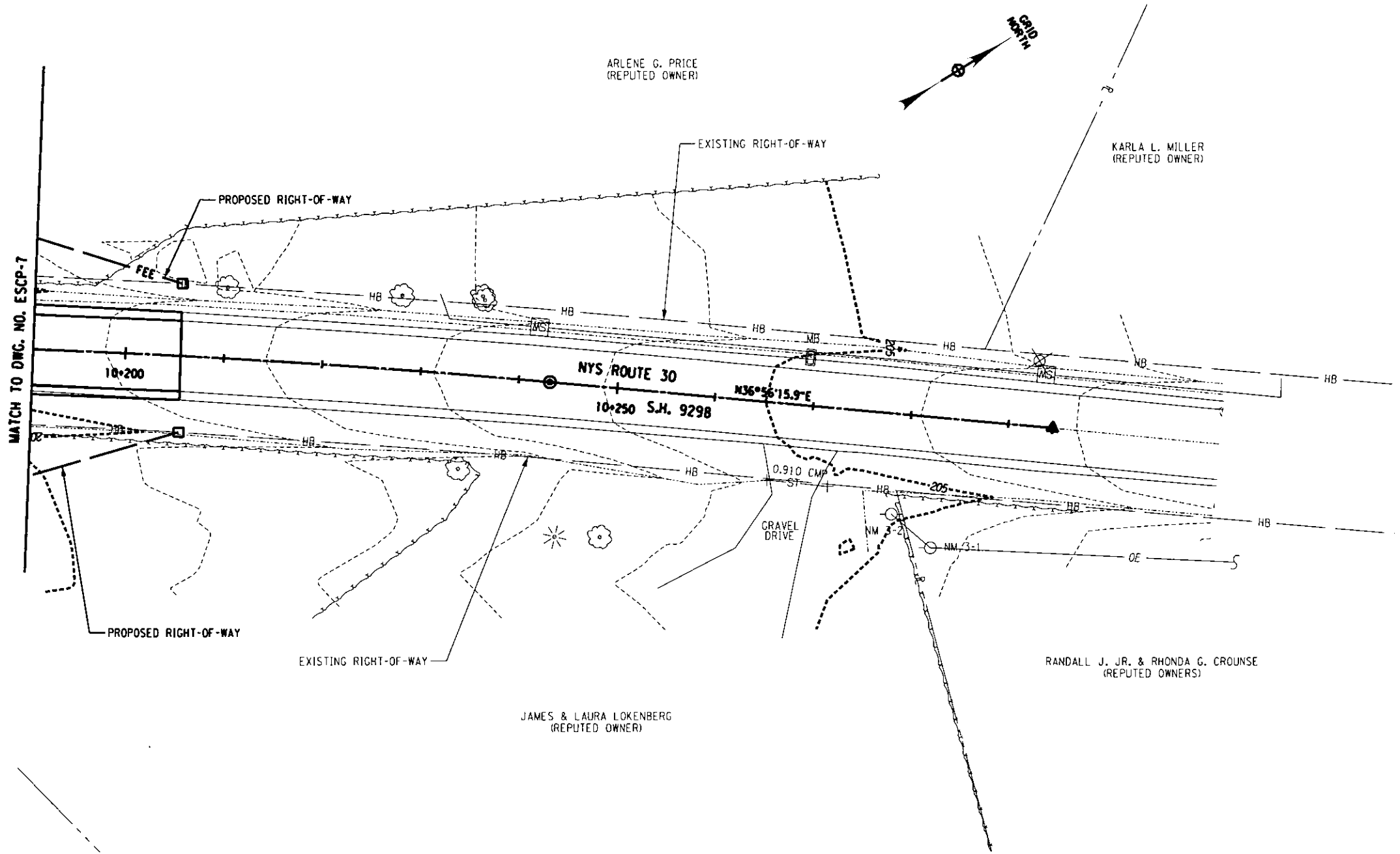
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| | NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | 9125.05 PS&E DATE NOVEMBER 5, 2009 | | C960062 | | |
| DOCUMENT NAME: 912505.cph.escp.07.dgn | | | | | DRAWING NO. ESCP-7 SHEET NO. 70 | |
| NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | | | |



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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JLM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT |
| | NYS ROUTES 30/30A & 30/443 |
| | S.H. 5444, 5086, 5195 & 9298 |
| | TOWN OF SCHOHARIE |
| SIGNATURE _____ | DATE _____ |
| COUNTY: SCHOHARIE COUNTY | |

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| PIN 9125.05 | BRIDGES | CULVERTS C960062 |
| PS&E DATE NOVEMBER 5, 2009 | | |

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|---|--|
| ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER D261326 |
| ROUTES 30/30A INTERSECTION EROSION AND SEDIMENT CONTROL PLAN | DRAWING NO. ESCP-8 SHEET NO. 71 |
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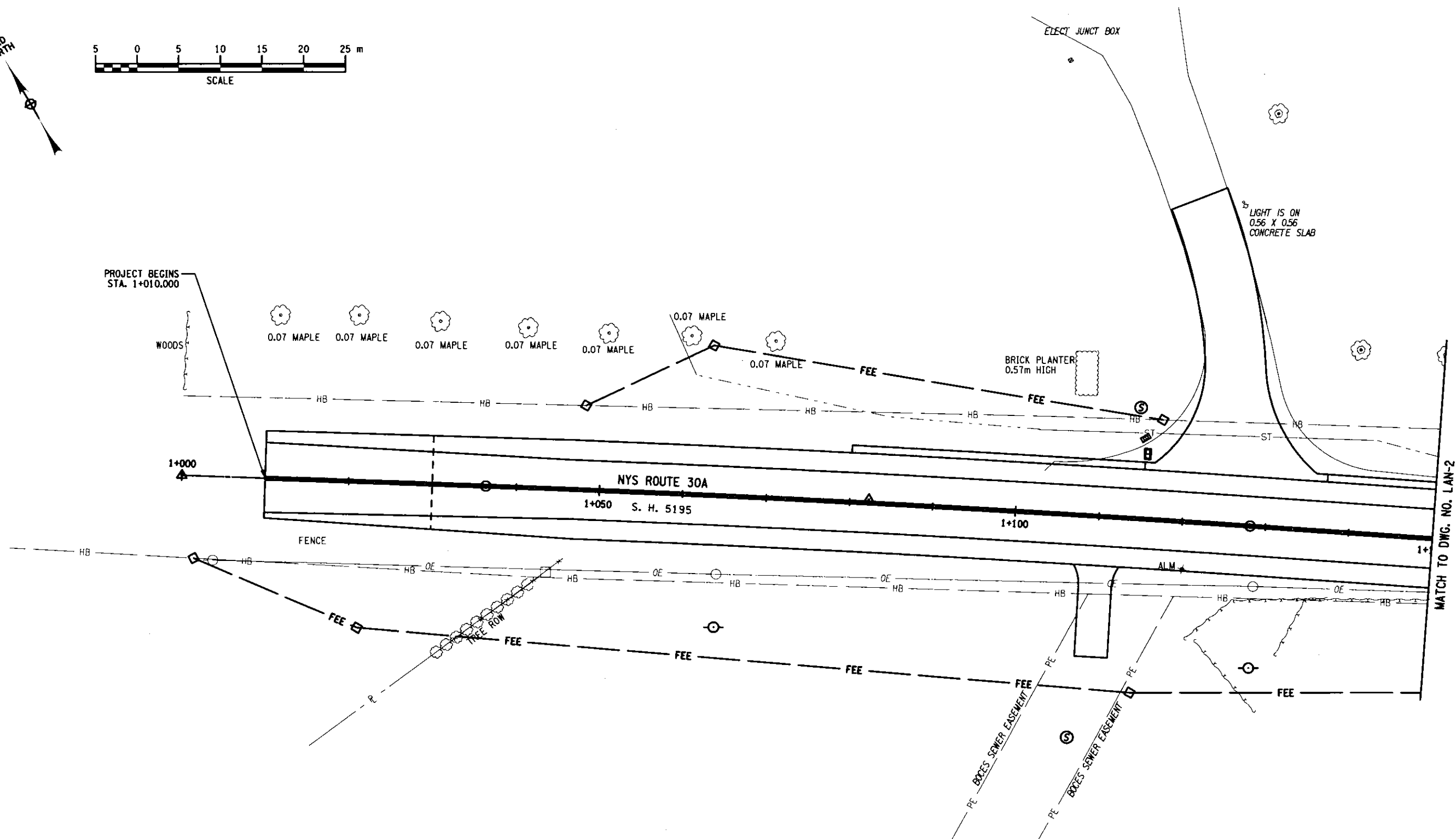
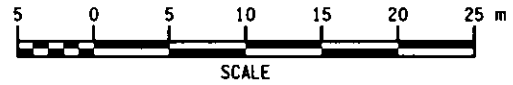
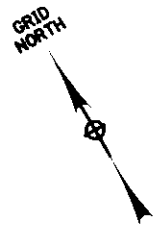


- NOTES:
1. EROSION CONTROL MATERIAL SHALL BE PLACED ON ALL DISTURBED SLOPES 3:1 OR STEEPER.
 2. SEE DWG. NO. MST-3 FOR TABLE OF STONE CHECK DAMS.
 3. TWO ROWS OF SILT FENCE SPACED 750mm APART SHALL BE INSTALLED WHEREVER SILT FENCE IS DEPICTED ON THE PLANS.



DOCUMENT NAME: 912505.cph.escp.08.dgn

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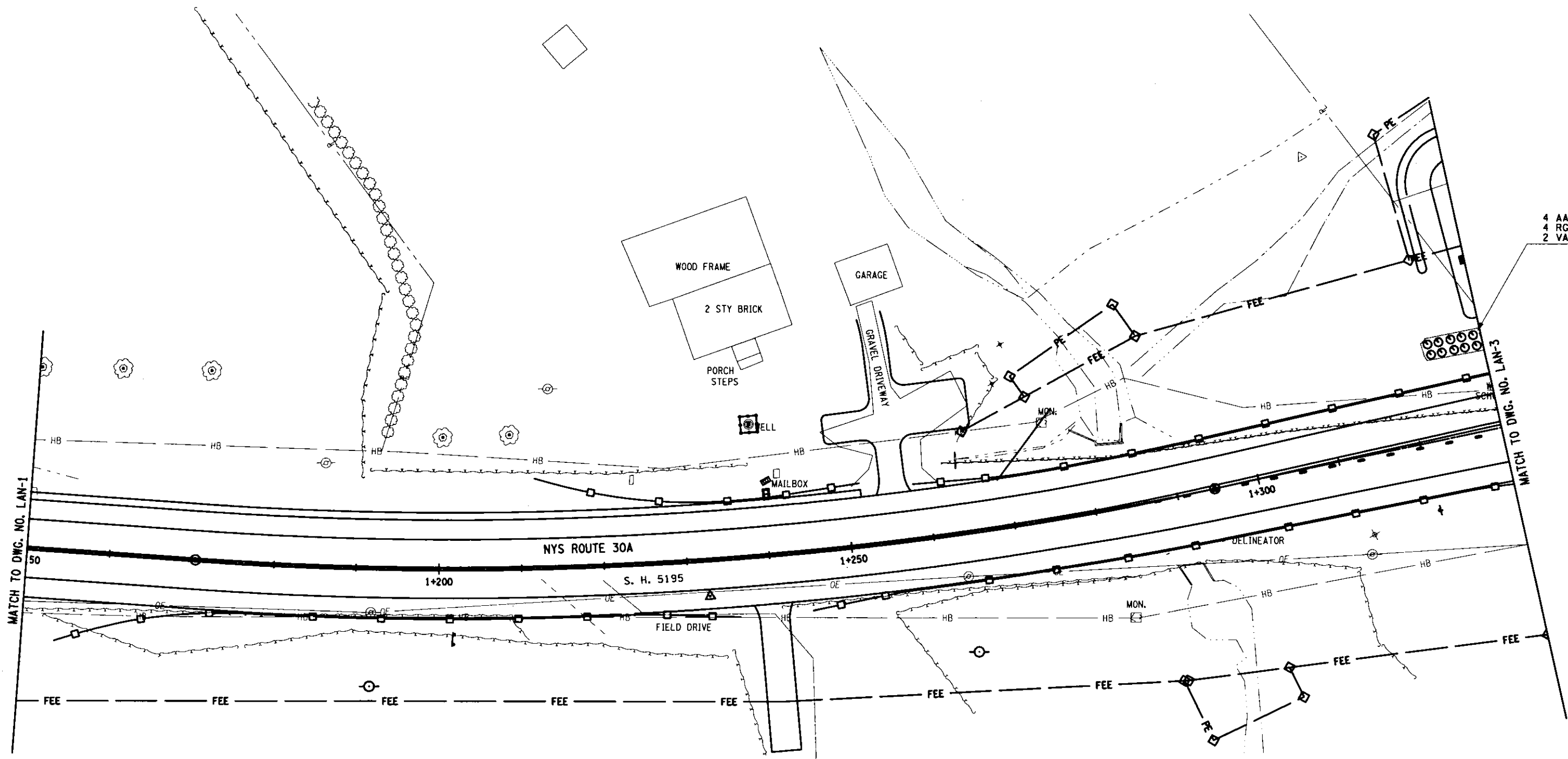
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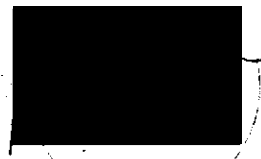
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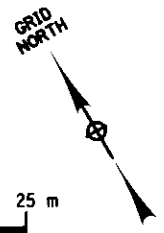
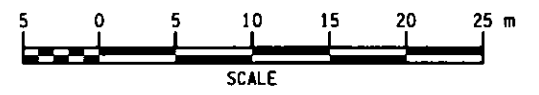
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 JOB MANAGER R. ROMANOSKY
 DESIGNED BY D. BENENATI
 CHECKED BY
 ESTIMATED BY
 DRAFTED BY D. BENENATI
 CHECKED BY



4 AA
4 RC
2 VA

| | | | |
|---|---------|--------------------|--|
| PREPARED BY: ON: | 11/4/04 | ALTERED BY: ON: | |
|  | | | |

| ITEM NUMBER | QUANTITY | SYMBOL | BOTANIC NAME / COMMON NAME |
|-------------|----------|--------|---|
| 611.040142 | 2 | VA | VACCINIUM ANGUSTIFOLIUM / LOWBUSH BLUEBERRY |
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| 611.040142 | 4 | AA | ARONIA ARBUTIFOLIA / RED CHOKEBERRY |



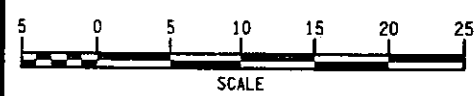
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| | NYS ROUTES 30/30A & 30/443 | PS&E DATE | | | | D261326 |
| | S.H. 5444, 5086, 5195, & 9298 | | | | LANDSCAPE PLAN | DRAWING NO. LAN-2 |
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FOR WETLAND
DETAILS,
SEE DRAWING
NO. WMP-1

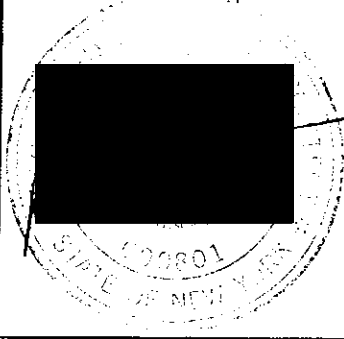
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 JOB MANAGER: R. ROMANSKY
 DESIGN SUPERVISOR:

8 AA
8 RG
10 VA

GRID
NORTH



PREPARED BY: ON: 11/16/09
 ALTERED BY: ON:



SIGNATURE _____ DATE _____

AS BUILT REVISIONS
DESCRIPTION OF WORK:

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195, & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE

PIN 912505
 PS&E DATE

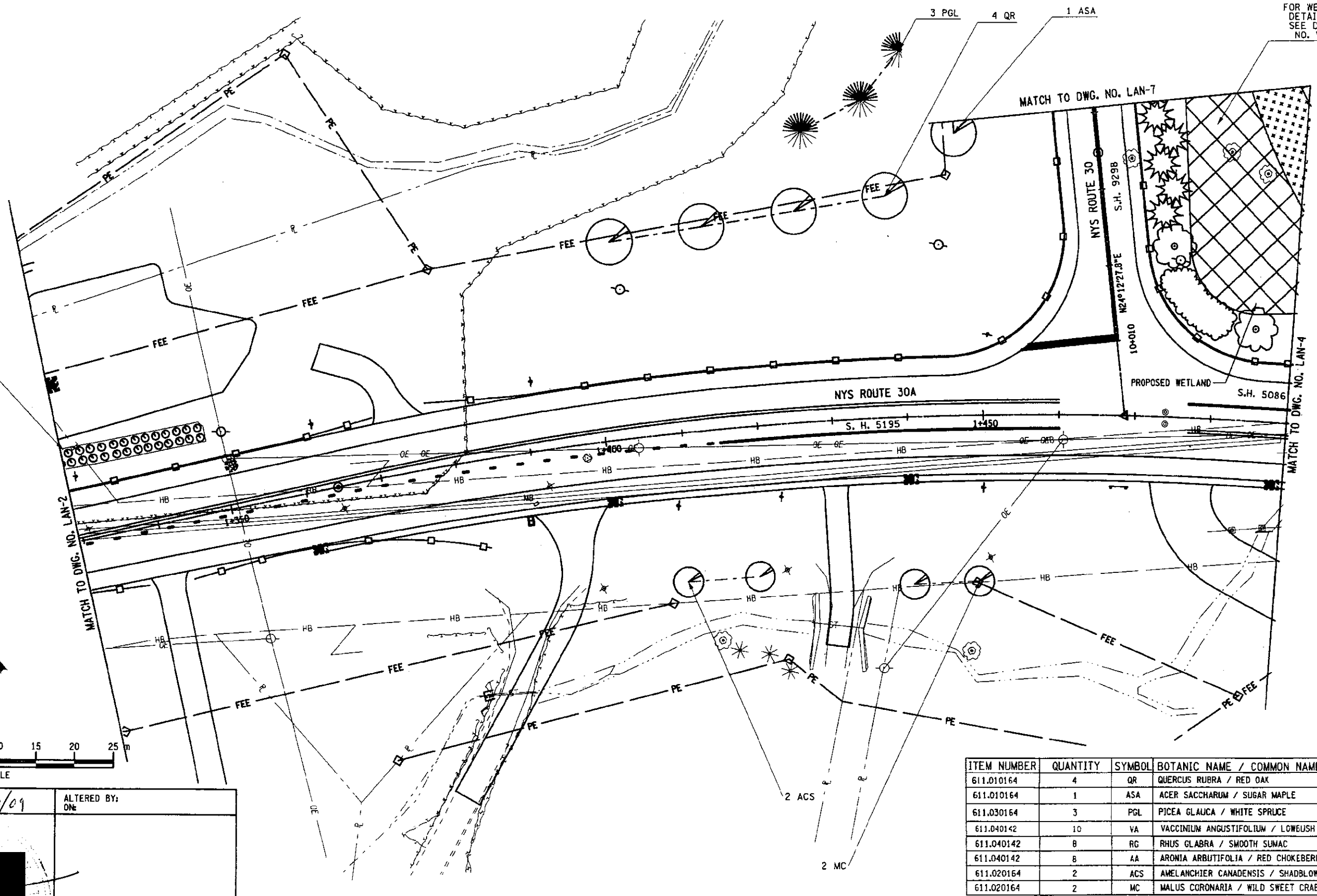
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 LANDSCAPE PLAN
 S. H. 5195, 5086, & 9298

CONTRACT NUMBER
 D261326
 DRAWING NO. LAN-3
 SHEET NO. 81

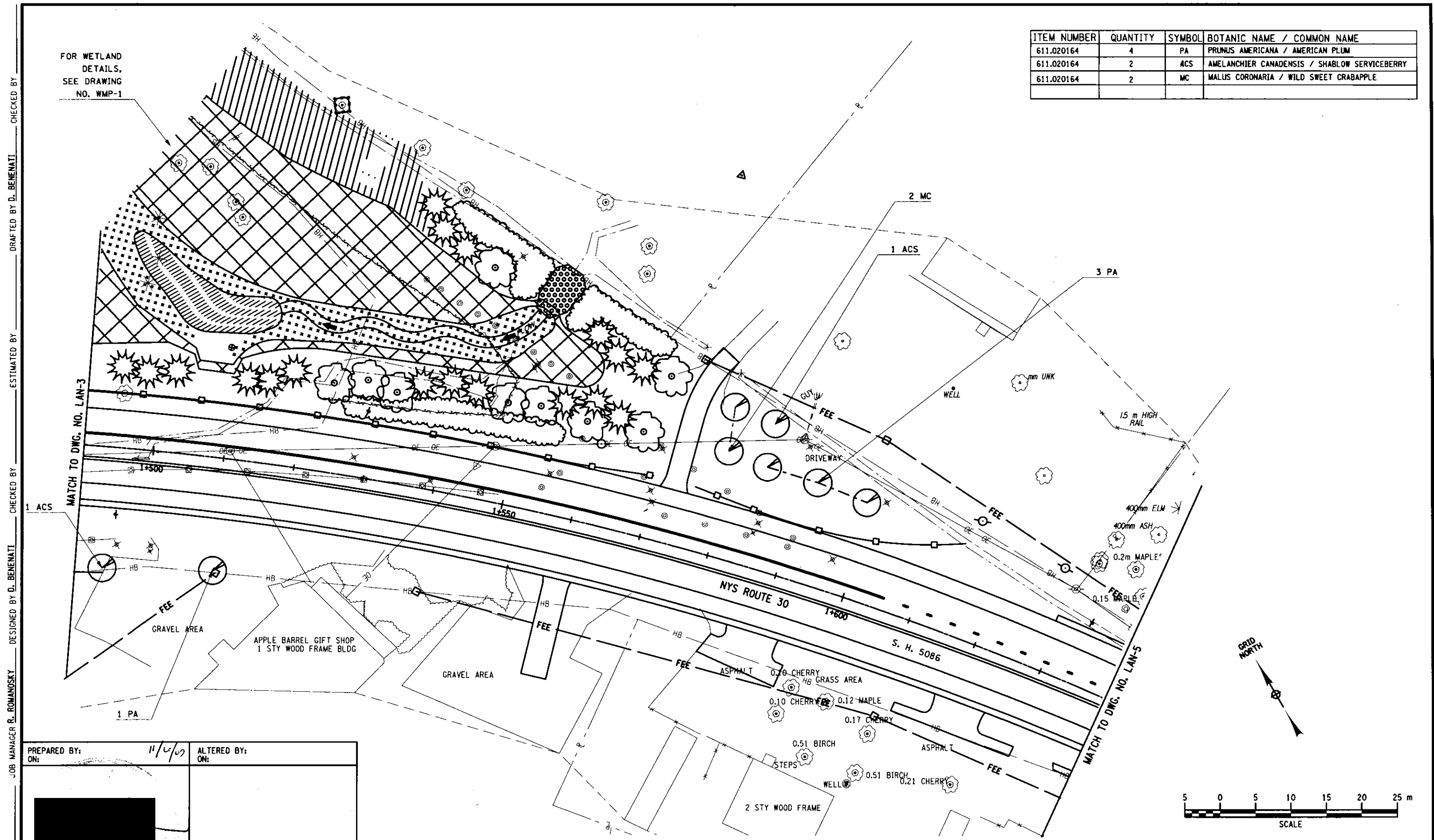
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| 611.010164 | 1 | ASA | ACER SACCHARUM / SUGAR MAPLE |
| 611.030164 | 3 | PGL | PICEA GLAUCA / WHITE SPRUCE |
| 611.040142 | 10 | VA | VACCINIUM ANGUSTIFOLIUM / LOWEUSH BLUEBERRY |
| 611.040142 | 8 | RG | RHUS GLABRA / SMOOTH SUMAC |
| 611.040142 | 8 | AA | ARONIA ARBUTIFOLIA / RED CHOKEBERRY |
| 611.020164 | 2 | ACS | AMELANCHIER CANADENSIS / SHADBLOW SERVICEBERRY |
| 611.020164 | 2 | MC | MALUS CORONARIA / WILD SWEET CRABAPPLE |



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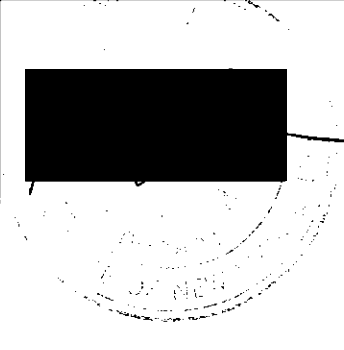
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| 611.020164 | 2 | ACS | AMELANCHIER CANADENSIS / SHALBOW SERVICEBERRY |
| 611.020164 | 2 | MC | MALLUS CORONARIA / WILD SWEET CRABAPPLE |



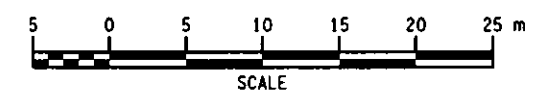
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 ESTIMATED BY:
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 DESIGNED BY: D. BENENATI
 JOB MANAGER: R. ROMANOSKY
 DESIGN SUPERVISOR:

FOR WETLAND
DETAILS,
SEE DRAWING
NO. WMP-1

PREPARED BY: ON: 11/15/07
 ALTERED BY: ON:



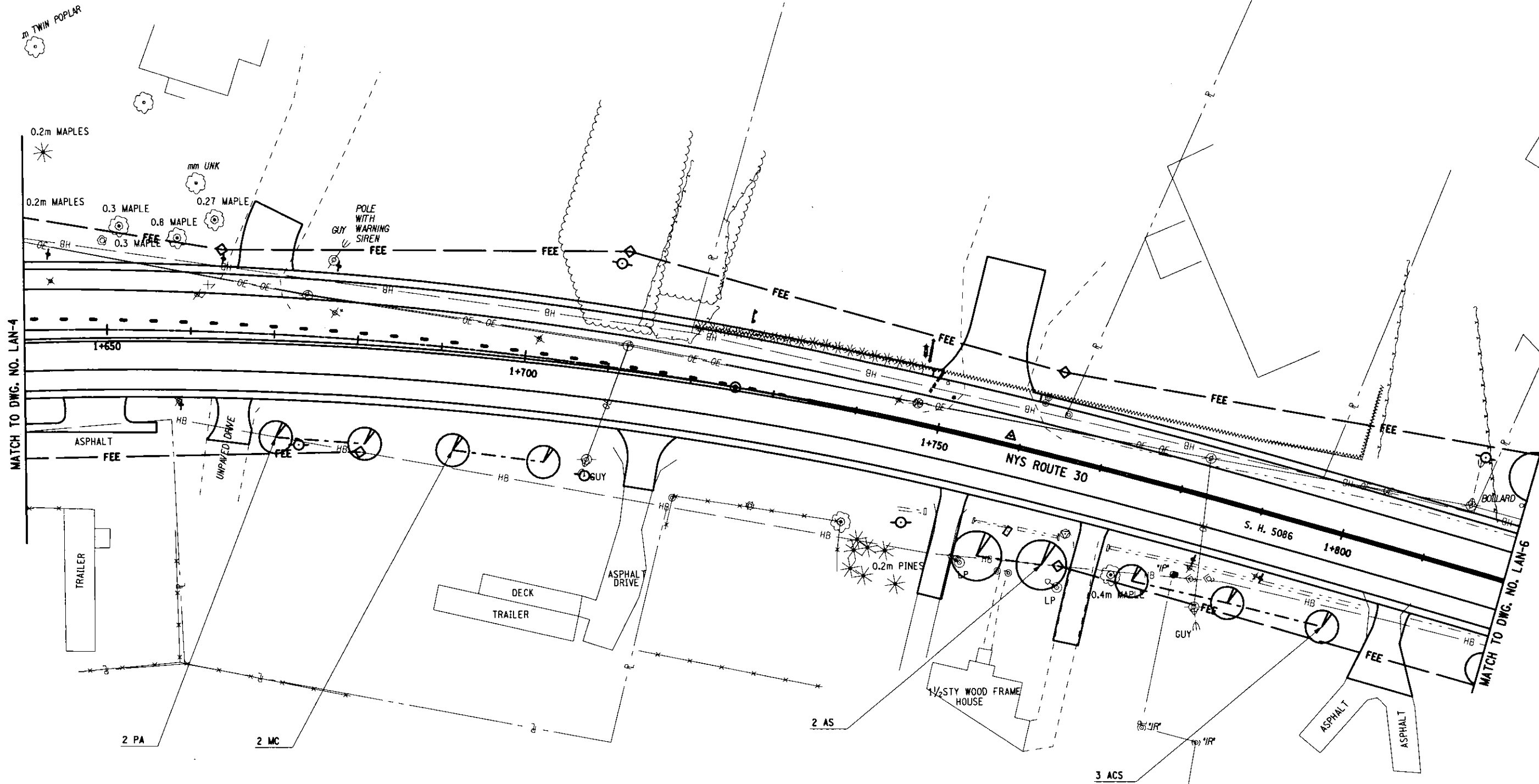
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| | NYS ROUTES 30/30A & 30/443 | PS&E DATE | | | | D261326 |
| SIGNATURE _____ | DATE _____ | TOWN OF SCHOHARIE | LANDSCAPE PLAN | | DRAWING NO. LAN-4 SHEET NO. 82 | |
| DOCUMENT NAME: 912505_cph_lap_04.dgn | | COUNTY: SCHOHARIE | S. H. 5086 | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |



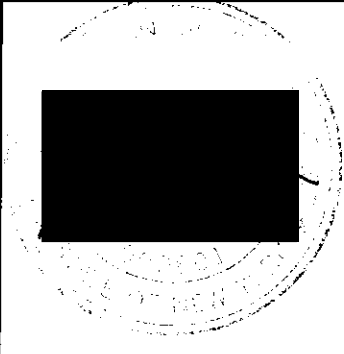
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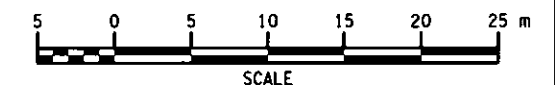
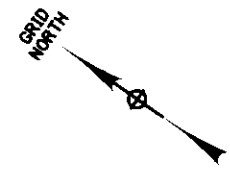
DESIGN SUPERVISOR: JOB MANAGER R. ROMANSKY DESIGNED BY D. BENENATI CHECKED BY ESTIMATED BY DRAFTED BY D. BENENATI CHECKED BY



PREPARED BY: ON: 11/12/09
 ALTERED BY: ON:



| ITEM NUMBER | QUANTITY | SYMBOL | BOTANIC NAME / COMMON NAME |
|-------------|----------|--------|--|
| 611.020164 | 2 | PA | PRUNUS AMERICANA / AMERICAN PLUM |
| 611.020164 | 3 | ACS | AMELANCHIER CANADENSIS / SHADBLOW SERVICEBERRY |
| 611.020164 | 2 | MC | MALUS CORONARIA / WILD SWEET CRABAPPLE |
| 611.010164 | 2 | AS | ACER SACCHARINUM / SILVER MAPLE |

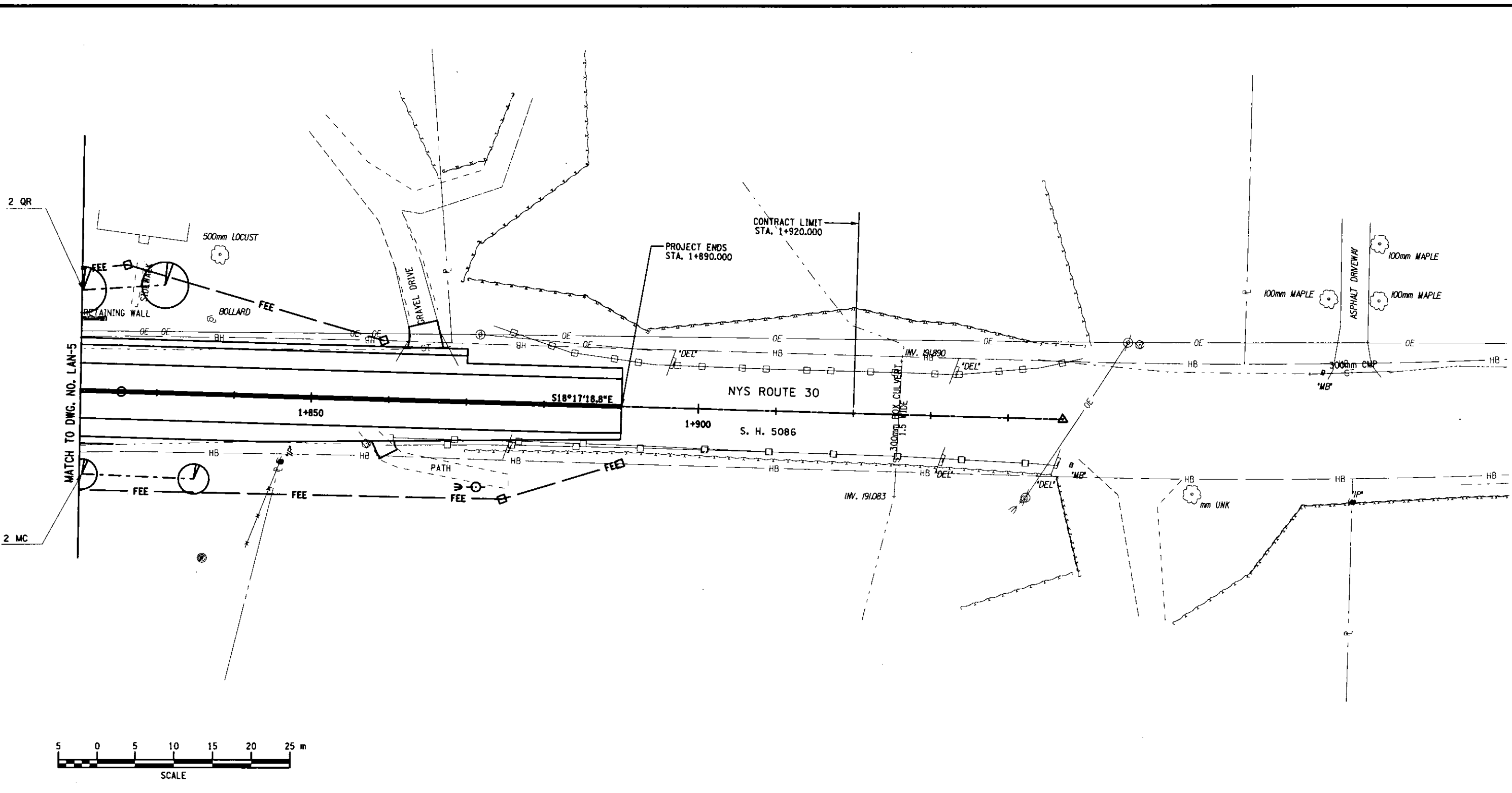


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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 912505 | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | PS&E DATE | | | | D261326 |
| SIGNATURE | DATE | TOWN OF SCHOHARIE | LANDSCAPE PLAN | | S.H. 5086 | DRAWING NO. LAN-5 |
| | | COUNTY: SCHOHARIE | | | | SHEET NO. 83 |

DOCUMENT NAME: 912505_cph_lap_05.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

FILE NAME = 912505_cph_lap_06.dgn
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 DESIGN SUPERVISOR
 JOB MANAGER R. ROMANOSKY
 DESIGNED BY D. BENENATI
 CHECKED BY
 ESTIMATED BY
 DRAFTED BY D. BENENATI
 CHECKED BY
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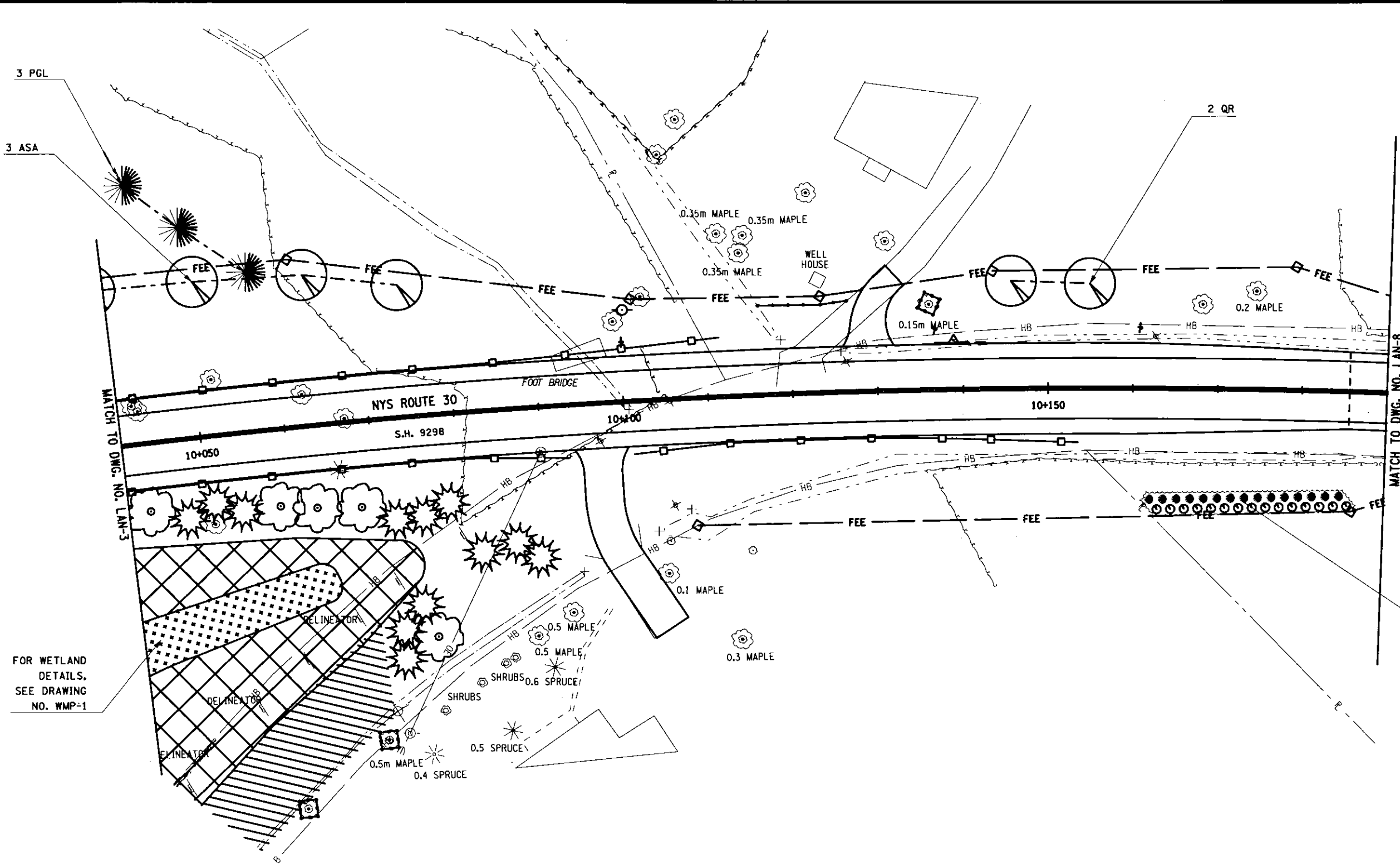


| ITEM NUMBER | QUANTITY | SYMBOL | BOTANIC NAME / COMMON NAME |
|-------------|----------|--------|--|
| 611.010164 | 2 | QR | QUERCUS RUBRA / RED OAK |
| 611.020164 | 2 | MC | MALUS CORONARIA / WILD SWEET CRABAPPLE |

| | |
|-----------------------------|--------------------|
| PREPARED BY: ON: 11/0/09 | ALTERED BY: ON: |
| | |

| | | | | | |
|--|---|--|---------------------|---|---|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195, & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE | PIN 912505 PS&E DATE | BRIDGES CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED LANDSCAPE PLAN S.H. 5086 | CONTRACT NUMBER D261326 DRAWING NO. LAN-6 SHEET NO. 84 |
| SIGNATURE _____ DATE _____ | | DOCUMENT NAME: 912505_cph_lap_06.dgn NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | |

DESIGN SUPERVISOR: JOB MANAGER R. ROMANOSKY
 DESIGNED BY D. BENEATTI
 CHECKED BY
 ESTIMATED BY
 CHECKED BY
 DRAFTED BY D. BENEATTI
 CHECKED BY



FOR WETLAND
DETAILS,
SEE DRAWING
NO. WMP-1

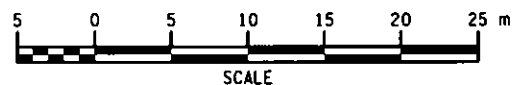
ITEM 611.040142
15 VA
ITEM 611.050152
15 JP

PREPARED BY: ON: 11/2/09
ALTERED BY: ON:

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 9

DESIGN SUPERVISOR: [Redacted]

| ITEM NUMBER | QUANTITY | SYMBOL | BOTANIC NAME / COMMON NAME |
|-------------|----------|--------|--|
| 611.010164 | 2 | QR | QUERCUS RUBRA / RED OAK |
| 611.010164 | 3 | ASA | ACER SACCHARUM / SUGAR MAPLE |
| 611.030164 | 3 | PGL | PICEA GLAUCA / WHITE SPRUCE |
| 611.040142 | 15 | VA | VACCINIUM ANGUSTIFOLIUM / LOW-BUSH BLUEBERRY |
| 611.050152 | 15 | JP | JUNIPERUS PFITZERTIANA 'SEA GREEN' / SEA GREEN JUNIPER |



| | | | | | |
|--|---|-------------------------|---------------------|--|---|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195, & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE | PIN 912505 PS&E DATE | BRIDGES CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED LANDSCAPE PLAN S.H. 9298 | CONTRACT NUMBER D261326 DRAWING NO. LAN-7 SHEET NO. 85 |
| SIGNATURE | DATE | | | | |

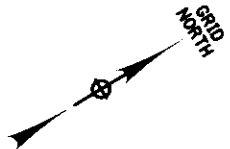
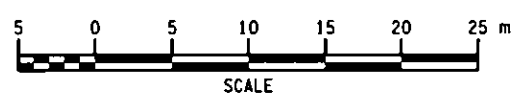
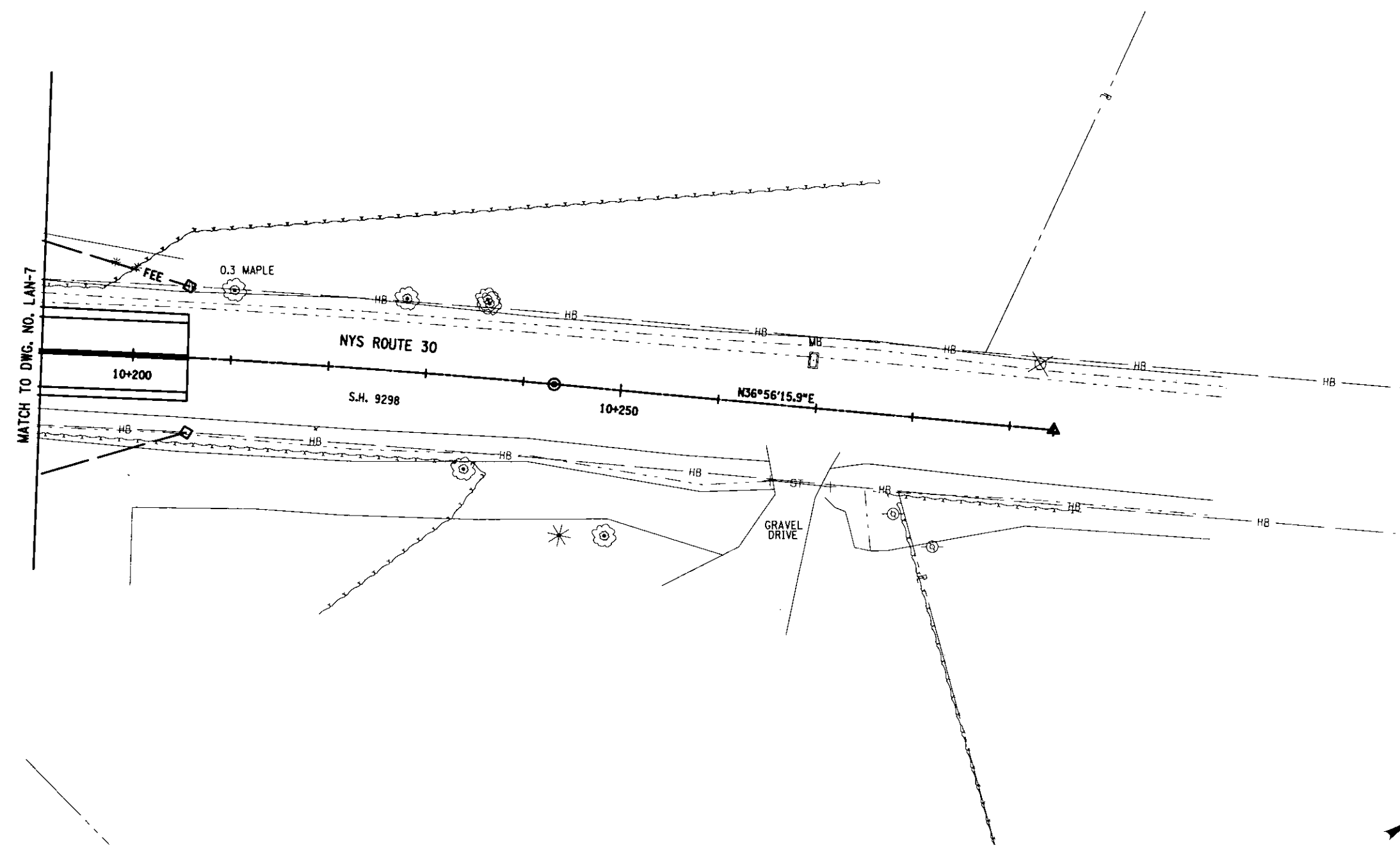
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NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

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 USER = dbeneatti

FILE NAME = 912505_cph_lap_08.dgn
 DATE/TIME = 05-NOV-2009 13:49
 USER = dbenenati

DESIGN SUPERVISOR: JOB MANAGER R. ROMANSKY DESIGNED BY D. BENENATI CHECKED BY ESTIMATED BY DRAFTED BY D. BENENATI CHECKED BY



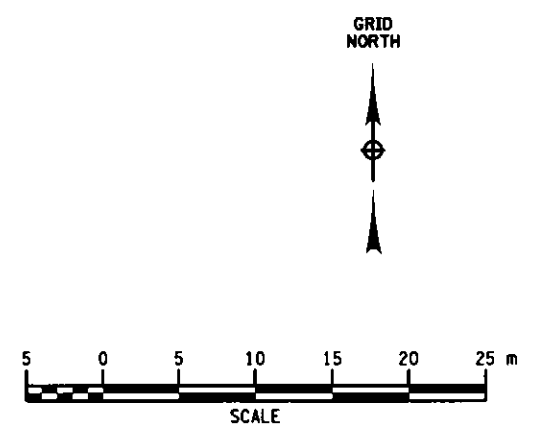
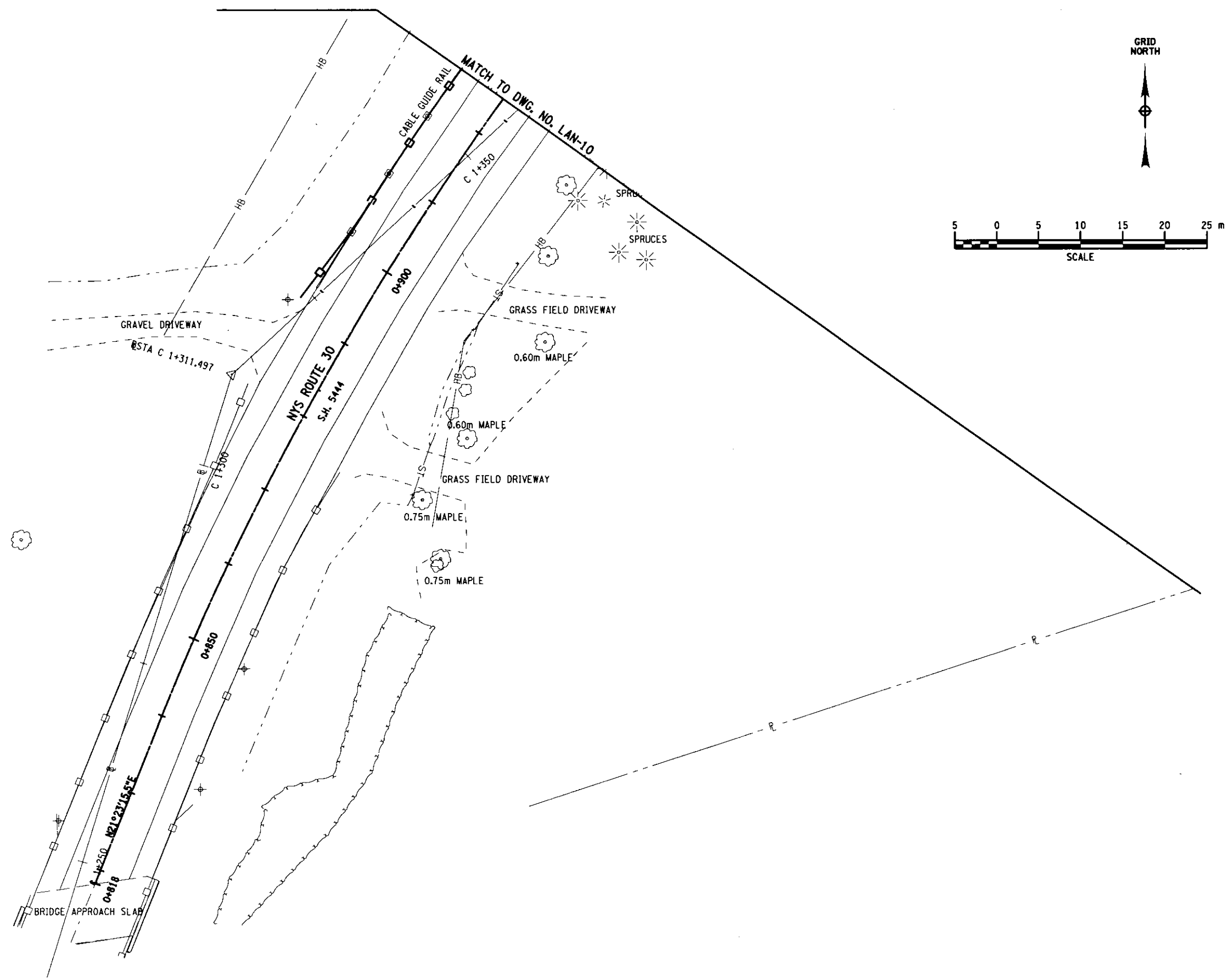
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| PREPARED BY: ON: | 1/6/09 | ALTERED BY: ON: | |
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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 912505 | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | PS&E DATE | | | | D261326 |
| | S.H. 5444, 5086, 5195, & 9298 | | | | LANDSCAPE PLAN | DRAWING NO. LAN-8 |
| SIGNATURE | DATE | TOWN OF SCHOHARIE | | | | S.H. 9298 |
| | | COUNTY: SCHOHARIE | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |

DOCUMENT NAME: 912505_cph_lap_08.dgn

FILE NAME = 912505_cph_lap_09.dgn
 DATE/TIME = 06-NOV-2009 13:49
 USER = dbenenati

DESIGN SUPERVISOR: JOB MANAGER R. ROMANOSKY DESIGNED BY D. BENENATI CHECKED BY D. BENENATI DRAFTED BY D. BENENATI CHECKED BY D. BENENATI

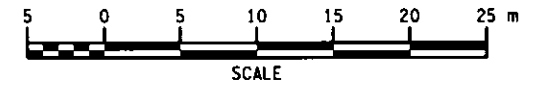


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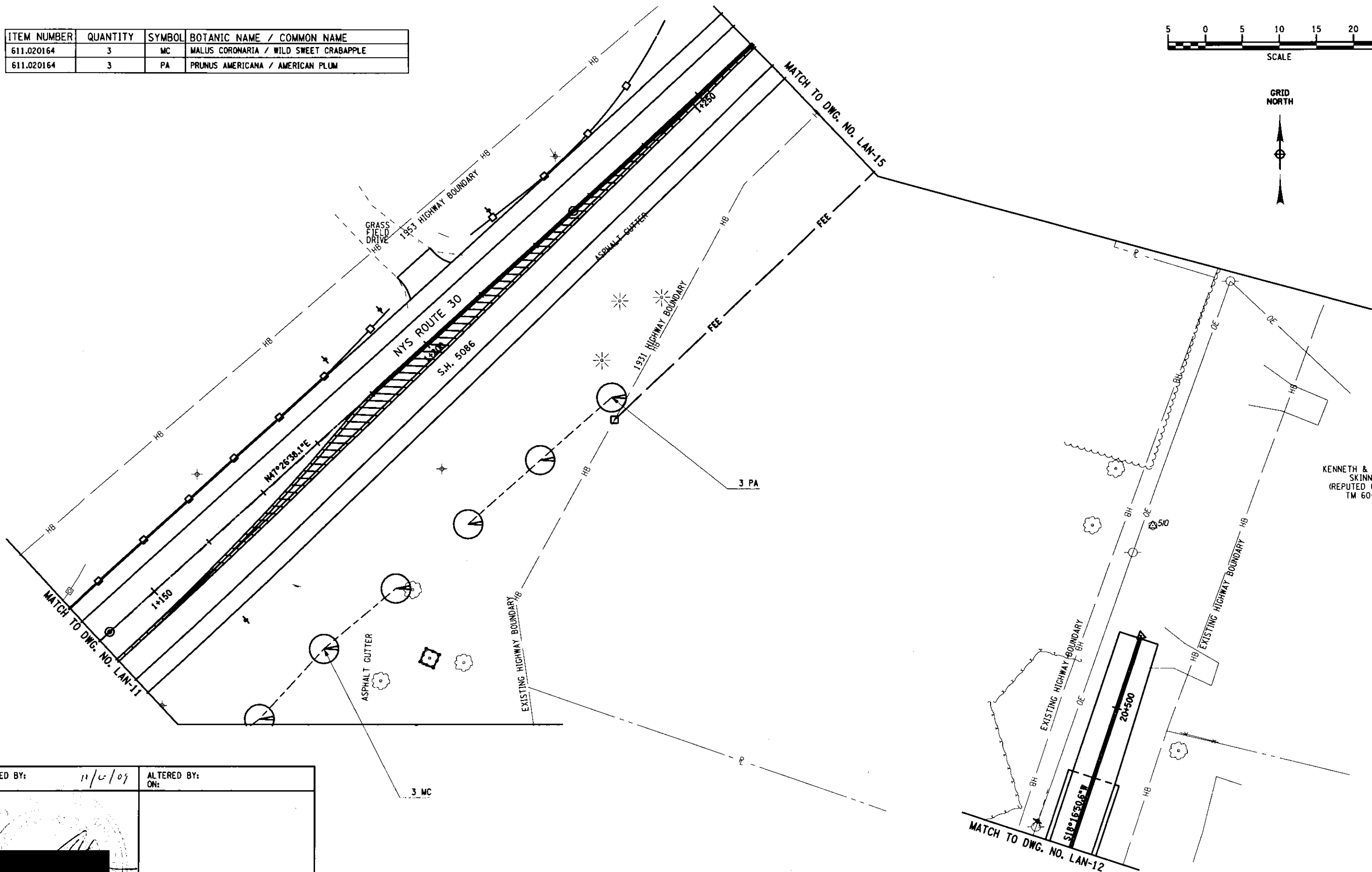
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| | NYS ROUTES 30/30A & 30/443 | PS&E DATE | | | | D261326 |
| SIGNATURE _____ | S.H. 5444, 5086, 5195, & 9298 | | | | LANDSCAPE PLAN | DRAWING NO. LAN-9 |
| DATE _____ | TOWN OF SCHOHARIE | | | | | SHEET NO. 87 |
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| ITEM NUMBER | QUANTITY | SYMBOL | BOTANIC NAME / COMMON NAME |
|-------------|----------|--------|--|
| 611.020164 | 3 | MC | MALUS CORONARIA / WILD SWEET CRABAPPLE |
| 611.020164 | 3 | PA | PRUNUS AMERICANA / AMERICAN PLUM |

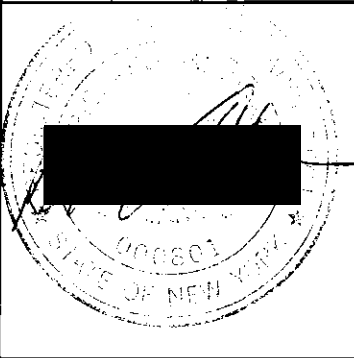


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 CHECKED BY
 DESIGNED BY D. BENENATI
 JOB MANAGER R. ROMANSKY
 DESIGN SUPERVISOR



KENNETH & GLADYS M SKINNER
(REPUTED OWNERS)
TM 60-6-17

PREPARED BY: ON: 11/6/09
ALTERED BY: ON:

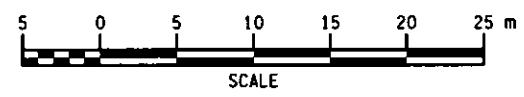
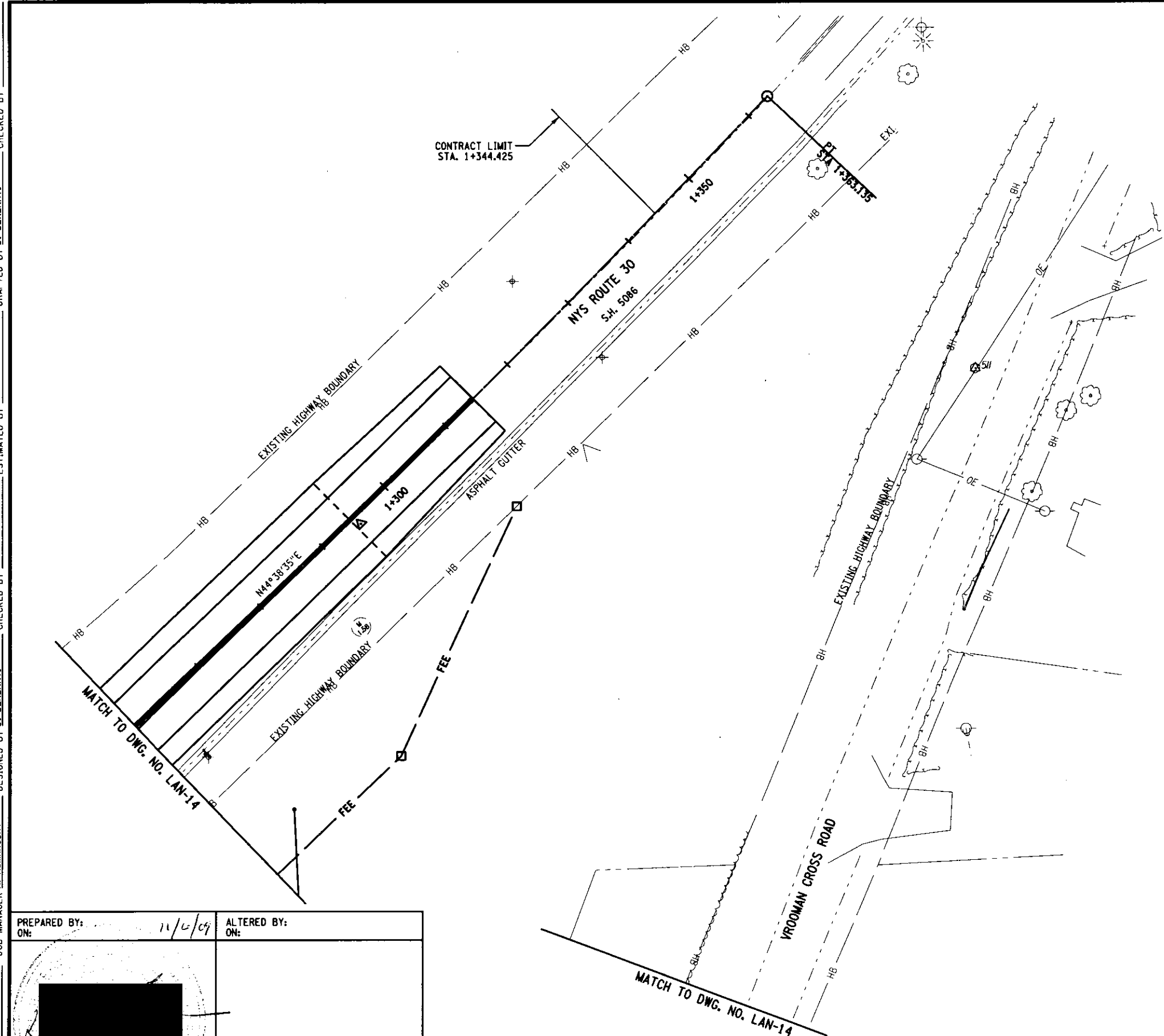


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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195, & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE | PIN 912505 PS&E DATE | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER 0261326 |
| SIGNATURE | DATE | | | | LANDSCAPE PLAN | DRAWING NO. LAN-14 SHEET NO. 92 |
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 USER = dbenenati

FILE NAME = 912505_cph_lap_15.dgn
 DATE/TIME = 05-NOV-2009 13:58
 USER = dbenenati

DESIGN SUPERVISOR: JOB MANAGER R. ROMANOSKY DESIGNED BY D. BENENATI CHECKED BY ESTIMATED BY DRAFTED BY D. BENENATI CHECKED BY



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| PREPARED BY: ON: | 11/6/09 | ALTERED BY: ON: | |
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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 912505 | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195, & 9298 | PS&E DATE | | | | D261326 |
| SIGNATURE | DATE | TOWN OF SCHOHARIE COUNTY: SCHOHARIE | LANDSCAPE PLAN | | DRAWING NO. LAN-15 SHEET NO. 93 | |
| DOCUMENT NAME: 912505_cph_lap_15.dgn | | S.H. 5086 | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | |

| TYPICAL FORESTED WETLAND (52 MOUNDS±) | | | |
|---------------------------------------|-------|-----|---|
| ITEM NO. | QUANT | SYM | SCIENTIFIC NAME / COMMON NAME |
| (1 TREE PER MOUND) | | | |
| 611.0101.45 | 12 | AS | ACER SACCHARINUM / SILVER MAPLE |
| 611.0101.45 | 12 | AM | ACER NEGUNDO / BOXELDER |
| 611.0101.45 | 12 | ARU | ACER RUBRUM / RED MAPLE |
| 611.0101.45 | 12 | QB | QUERCUS BICOLOR / SWAMP WHITE OAK |
| (3 SHRUBS PER MOUND) | | | |
| ITEM NO. | QUANT | SYM | SCIENTIFIC NAME / COMMON NAME |
| 611.0401.43 | 15 | CA | CORNUS AMOMUM / SILKY DOGWOOD |
| 611.0401.43 | 15 | CS | CORNUS SERICEA / RED-OSIER DOGWOOD |
| 611.0401.43 | 15 | IV | ILEX VERTICILLATA / WINTERBERRY |
| 611.0401.43 | 15 | LB | LINDERA BENZOIN / SPICEBUSH |
| 611.0401.43 | 15 | SD | SALIX DISCOLOR / PUSSY WILLOW |
| 611.0401.43 | 15 | SN | SALIX NIGRA / BLACK WILLOW |
| 611.0401.43 | 15 | AR | ALNUS RUGOSA / SPECKLED ADLER |
| 611.0401.43 | 15 | VC | VACCINIUM CORYMBOSUM / HIGHBUSH BLUEBERRY |
| 611.0401.43 | 15 | SC | SAMBUCUS CANADENSIS / COMMON ELDERBERRY |
| 611.0401.43 | 15 | RV | RHODODENDRON VISCOSUM / SWAMP AZALEA |
| 611.0401.43 | 15 | MP | MYRICA PENNSYLVANICA / BAYBERRY |

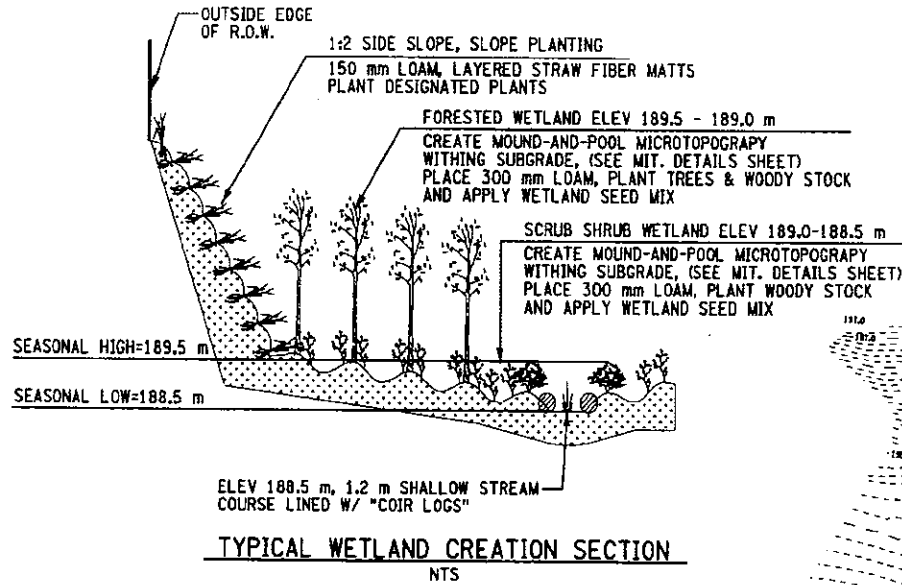
| TYPICAL SCRUB SHRUB WETLAND (6' O.C.) | | | |
|---------------------------------------|-------|-----|---|
| ITEM NO. | QUANT | SYM | SCIENTIFIC NAME / COMMON NAME |
| 611.0401.43 | 15 | CA | CORNUS AMOMUM / SILKY DOGWOOD |
| 611.0401.43 | 15 | CS | CORNUS SERICEA / RED-OSIER DOGWOOD |
| 611.0401.43 | 15 | IV | ILEX VERTICILLATA / WINTERBERRY |
| 611.0401.43 | 15 | LB | LINDERA BENZOIN / SPICEBUSH |
| 611.0401.43 | 15 | SD | SALIX DISCOLOR / PUSSY WILLOW |
| 611.0401.43 | 15 | SN | SALIX NIGRA / BLACK WILLOW |
| 611.0401.43 | 15 | AR | ALNUS RUGOSA / SPECKLED ADLER |
| 611.0401.43 | 15 | VC | VACCINIUM CORYMBOSUM / HIGHBUSH BLUEBERRY |
| 611.0401.43 | 15 | SC | SAMBUCUS CANADENSIS / COMMON ELDERBERRY |
| 611.0401.43 | 15 | RV | RHODODENDRON VISCOSUM / SWAMP AZALEA |
| 611.0401.43 | 15 | MP | MYRICA PENNSYLVANICA / BAYBERRY |

| UPLAND BUFFER | | | |
|---------------|--------|-----|---|
| ITEM NO. | QUANT. | SYM | SCIENTIFIC NAME / COMMON NAME |
| 611.0101.65 | 8 | ARU | ACER RUBRUM / RED MAPLE |
| 611.0101.65 | 8 | BP | BETULA Papyrifera / PAPER BIRCH |
| 611.0101.65 | 8 | PT | POPULUS TREMULOIDES / QUAKING ASPEN |
| 611.0101.65 | 8 | AG | AESCULUS GLABRA / OHIO BUCKEYE |
| 611.0501.54 | 15 | AC | ABIES CONCOLOR / CONCOLOR FIR |
| 611.0501.54 | 15 | PG | PICEA GLAUCA DENSATA / BLACK HILLS SPRUCE |
| 611.0501.54 | 15 | PP | PICEA PLUNGENS / COLORADO GREEN SPRUCE |
| 611.0501.54 | 15 | PS | PINUS STROBUS / WHITE PINE |
| 611.0401.43 | 50 | ACS | AMELANCHIER CANADENSIS / SERVICEBERRY |
| 611.0401.43 | 50 | CR | CORNUS RACEMOSA / GRAY DOGWOOD |

NOTE:
 PLANTINGS WILL BE ON EVERY MOUND WITH MOUNDS SET AT 6.0 m O.C.

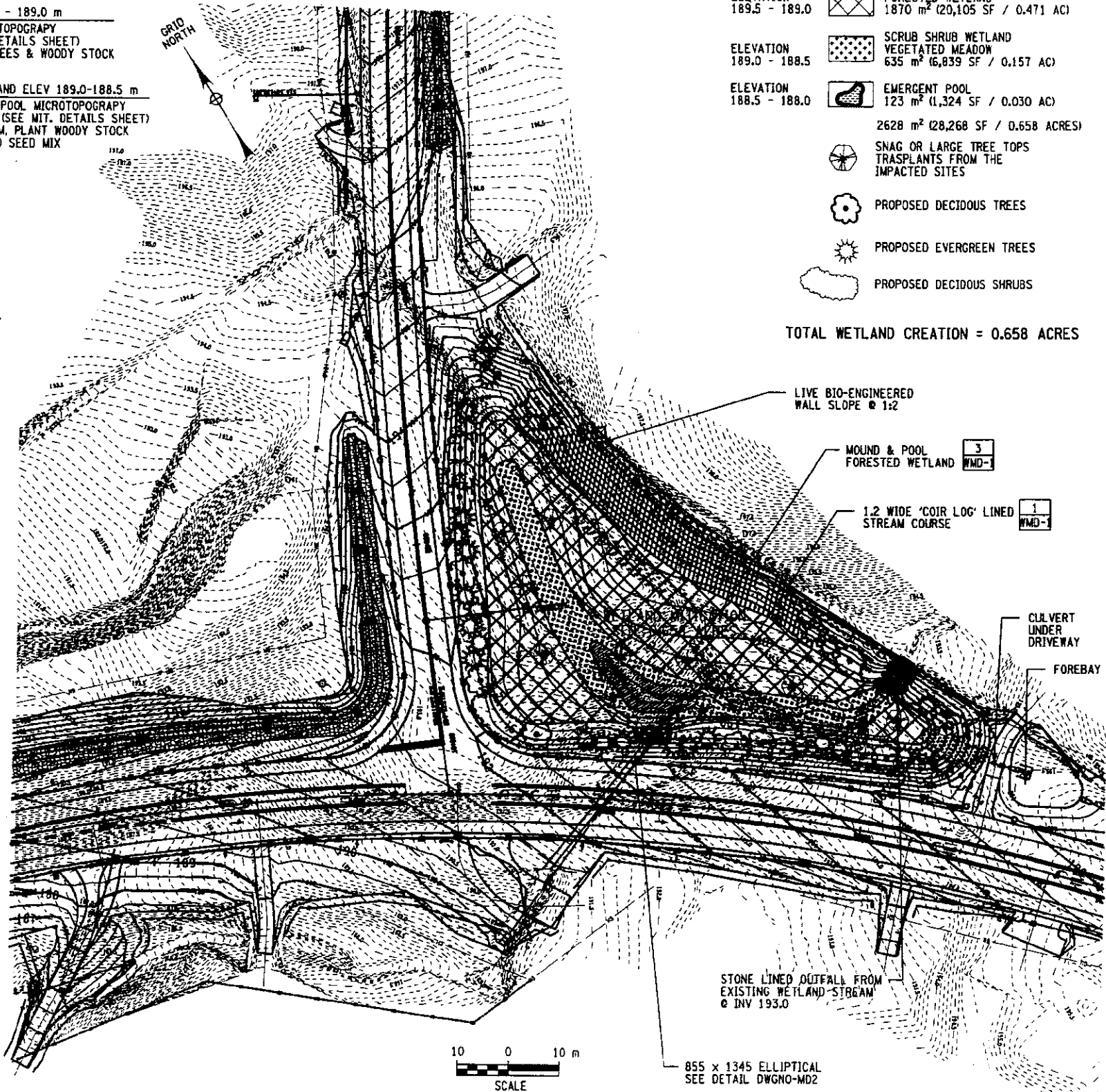
| EMERGENT POOL (3' WATER DEPTH) | | | |
|--------------------------------|--------|-----|---------------------------------------|
| ITEM NO. | QUANT. | SYM | SCIENTIFIC NAME / COMMON NAME |
| 611.0701.61 | 10 | ND | NYMPHAEA OORATA / FRAGRANT WATER LILY |
| 611.0701.61 | 10 | NY | NYMPHAEA LUTEA / YELLOW WATER LILY |
| 611.0701.61 | 10 | MA | MYOSOTIS LAXA / FORGET ME NOT |
| 611.0701.61 | 10 | PY | PELLANDRIA VIRGINICA / ARROW ARLIN |
| 611.0701.61 | 10 | PC | PONTEDERIA CORDATA / PICKEREL WEED |
| 611.0701.61 | 10 | SA | SCRIPUS ACUTUS / HARD-STEM BULRUSH |
| 611.0701.61 | 10 | PQ | POTAMOGETON PECTINATUS / POND WEED |

| PLANTING FOR SLOPES - FIRST TWO LAYERS | | | |
|--|--------|-----|---|
| ITEM NO. | QUANT. | SYM | SCIENTIFIC NAME / COMMON NAME |
| 611.0401.41 | 100 | AL1 | ALNUS RUGOSA / SPECKLED ADLER |
| 611.0401.41 | 100 | CA1 | CORNUS AMOMUM / SILKY DOGWOOD |
| 611.0401.41 | 100 | CS1 | CORNUS SERICEA / RED-OSIER DOGWOOD |
| 611.0401.41 | 100 | SD1 | SALIX DISCOLOR / PUSSY WILLOW |
| 611.0401.41 | 100 | SN1 | SALIX NIGRA / BLACK WILLOW |
| 611.0401.41 | 100 | VC1 | VACCINIUM CORYMBOSUM / HIGHBUSH BLUEBERRY |
| 611.0401.41 | 100 | SC1 | SAMBUCUS CANADENSIS / COMMON ELDERBERRY |



| PLANTING FOR SLOPES - UPPER LAYERS | | | |
|------------------------------------|--------|-----|--|
| ITEM NO. | QUANT. | SYM | SCIENTIFIC NAME / COMMON NAME |
| 611.0401.41 | 300 | CR | CORNUS RACEMOSA / GRAY DOGWOOD |
| 611.0401.41 | 300 | RA | RHUS AROMATICA / FRAGRANT SUNAC |
| 611.0401.41 | 300 | RT | RHUS TYPHINA / STAGHORN SUNAC |
| 611.0401.41 | 300 | CS1 | CORNUS SERICEA / RED-OSIER DOGWOOD |
| 611.0401.41 | 300 | SN | SALIX X COTTETI / BANKERS DWARF WILLOW |
| 611.0401.41 | 300 | ACS | AMELANCHIER CANADENSIS / SERVICEBERRY |
| 611.0401.41 | 300 | AA | ARONIA ARBUTIFOLIA / RED CHOKEBERRY |
| 611.0401.41 | 300 | AM | ARONIA MELANOCARPA / BLACK CHOKEBERRY |

| PLANTING FOR COIR LOG LAYER | | | |
|-----------------------------|--------|-----|-------------------------------|
| ITEM NO. | QUANT. | SYM | SCIENTIFIC NAME / COMMON NAME |
| 611.0701.42 | 300 | AL2 | ALNUS RUGOSA / SPECKLED ADLER |
| 611.0701.42 | 300 | SN2 | SALIX NIGRA / BLACK WILLOW |
| 611.0701.42 | 300 | CA2 | CORNUS AMOMUM / SILKY DOGWOOD |



KEY

PROPOSED WETLAND

ELEVATION 189.5 - 189.0 FORESTED WETLAND 1870 m² (20,105 SF / 0.471 AC)

ELEVATION 189.0 - 188.5 SCRUB SHRUB WETLAND VEGETATED MEADOW 635 m² (6,839 SF / 0.157 AC)

ELEVATION 188.5 - 188.0 EMERGENT POOL 123 m² (1,324 SF / 0.030 AC)

2628 m² (28,268 SF / 0.658 ACRES)

SNAG OR LARGE TREE TOPS TRANSPLANTS FROM THE IMPACTED SITES

PROPOSED DECIDUOUS TREES

PROPOSED EVERGREEN TREES

PROPOSED DECIDUOUS SHRUBS

TOTAL WETLAND CREATION = 0.658 ACRES

PREPARED BY: ON: *11/10/09* ALTERED BY: ON:

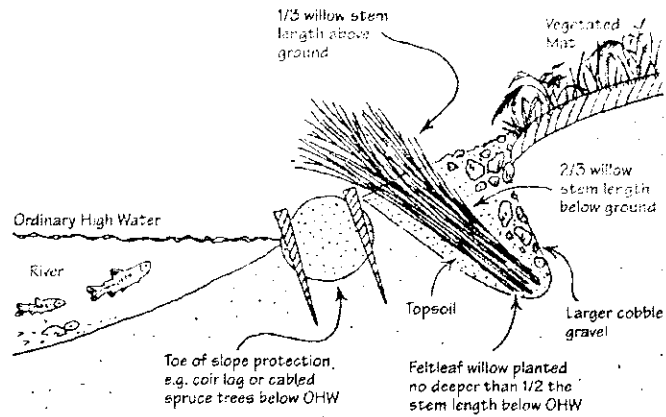
DESIGN SUPERVISOR:

STATE OF NEW YORK

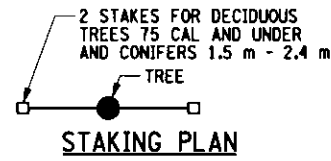
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| AS BUILT REVISIONS DESCRIPTION OF WORK: | PIN 912505 30 & 30A PS&E DATE | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| SIGNATURE _____ DATE _____ | COUNTY: OTSEGO | | | WETLAND MITIGATION PLAN | D261326 |
| DOCUMENT NAME: 912505_cph_lap_wetland.dgn | | | | | DRAWING NO. WMP-1 SHEET NO. 94 |

S.H. 5086 & 9298
 NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 09

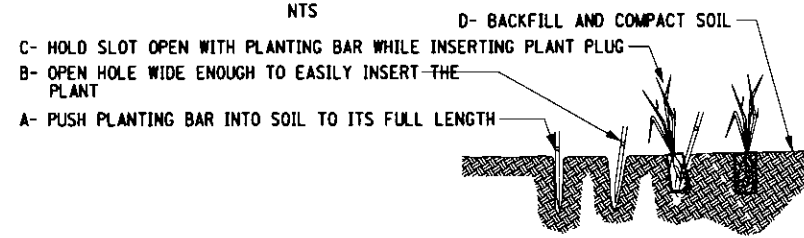
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 ESTIMATED BY
 CHECKED BY C. BASUALDO
 DESIGNED BY R. ROMANOSKY
 JOB MANAGER
 DESIGN SUPERVISOR



COIR LOG" EDGE OF STREAM COURSE
NO SCALE

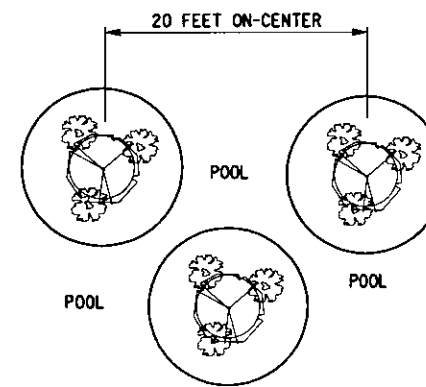
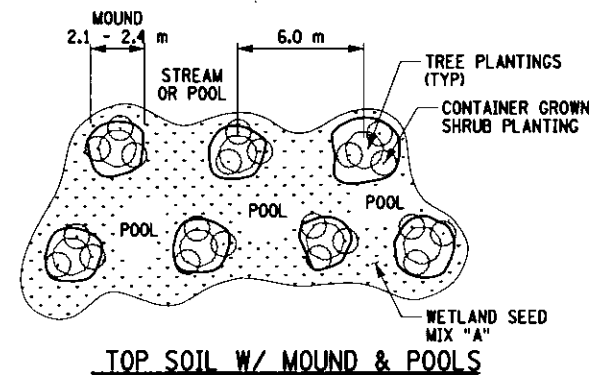


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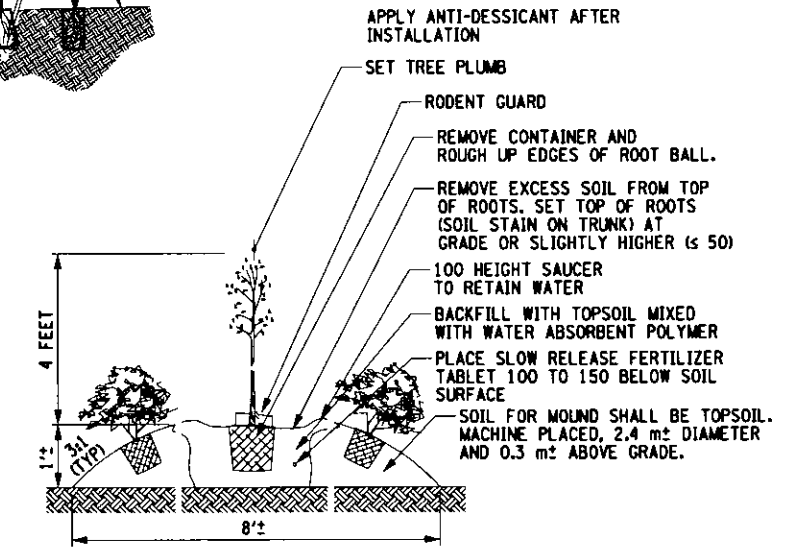


TYPICAL FORESTED WETLAND DETAIL

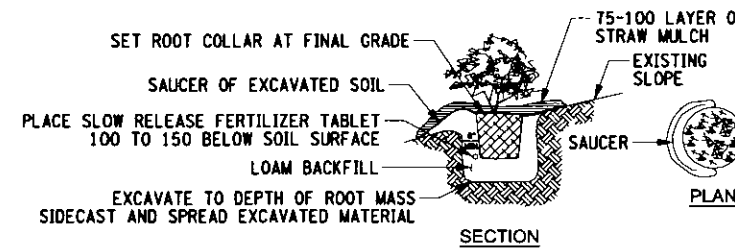
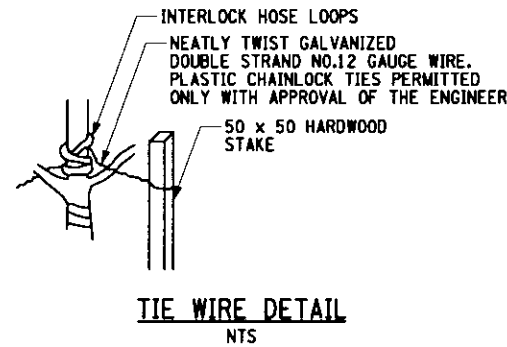
1. SEE PLANTING LIST.
2. MOUNDS ARE GENERALLY 0.45 m ABOVE DESIGN GRADE SHOWN ON GRADING PLANS. MOUNDS ARE GENERALLY 2.1 m TO 2.4 m DIA. MOUNDS.
3. POOLS ARE SET TO APPROXIMATELY 0.3 m BELOW DESIGN GRADE. POOLS ARE APPROXIMATELY 2.4 m IN DIA. AT THEIR WIDEST POINT. POOLS SHALL NOT BE LINEAR TRENCHES.
4. MOUNDS AND DEPRESSIONS SHOULD BE INCORPORATED IN RANDOM FASHION THROUGHOUT PROPOSED WETLAND AREA.
5. SHRUB SPECIES SHALL BE RANDOMLY SELECTED AND SPACED IN GROUPINGS THROUGHOUT PROPOSED WETLAND AREA TO ACHIEVE A NATURALISTIC WETLAND SETTING.



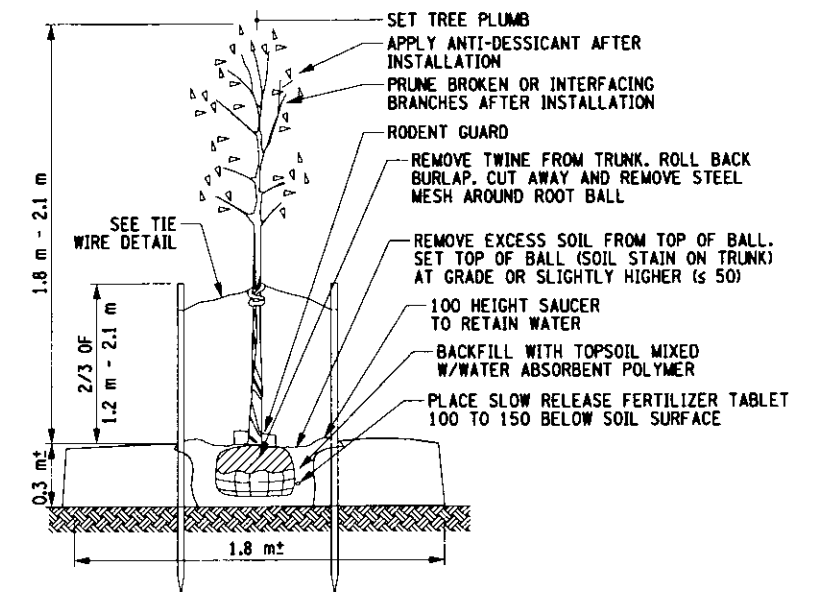
- NOTES:**
1. EACH MOUND WILL BE PLANTED WITH ONE TREE AND THREE SHRUBS.
 2. POOLS AND SIDES OF MOUNDS WILL BE SEEDING WITH WETLAND SEED MIX "A".



TREE PLANTING DETAIL - WETLAND MOUNDS
NTS



CONTAINER GROWN SHRUB PLANTING
NTS



TREE PLANTING DETAIL - UPLAND BUFFER
NTS

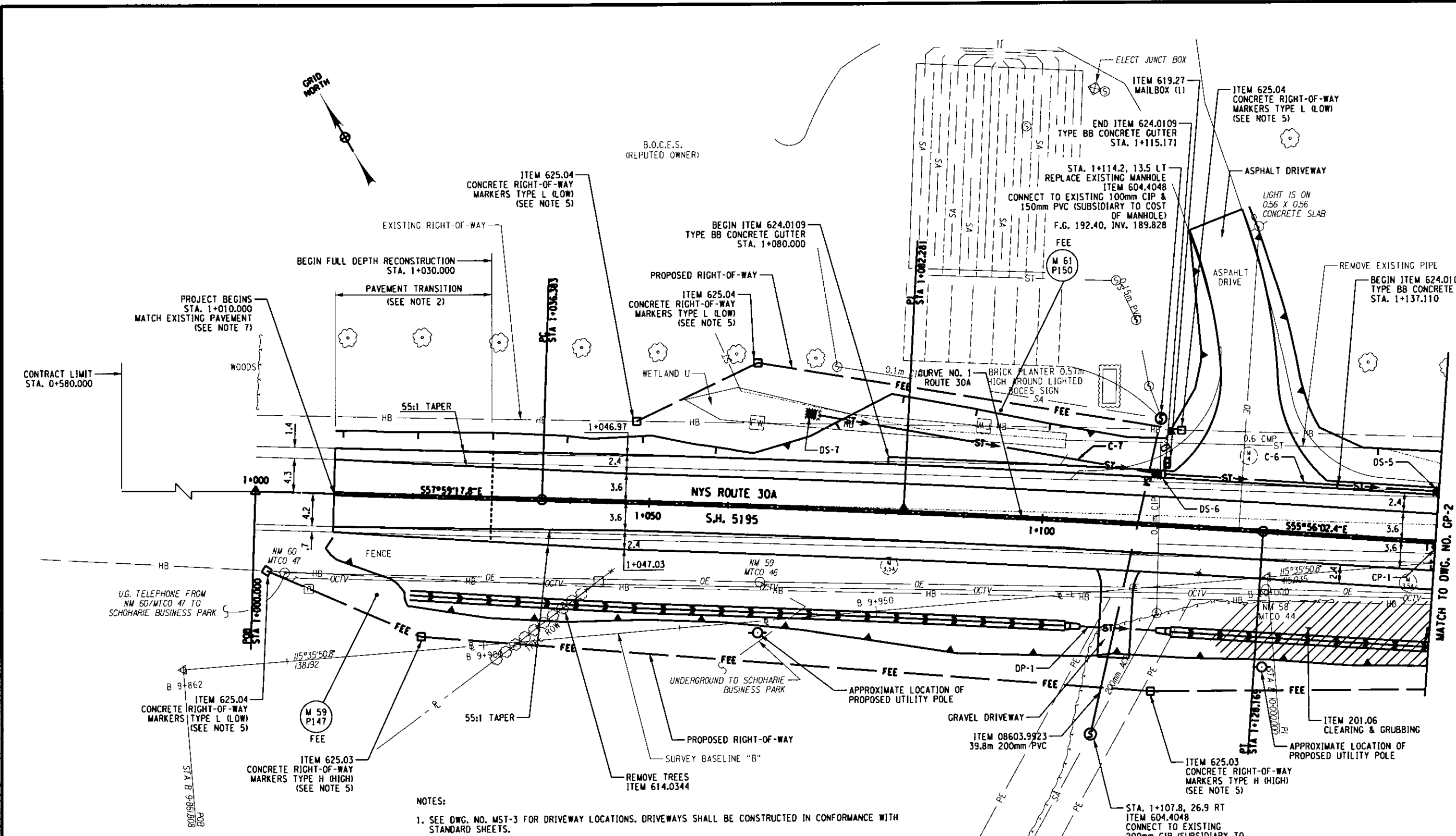
NOTE:
ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE SHOWN.

PREPARED BY: ON: 1/6/09
 ALTERED BY: ON:

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| AS BUILT REVISIONS DESCRIPTION OF WORK: | NTS | COUNTY: OTSEGO | PIN 912505 30 & 30a PS&E DATE | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | SIGNATURE | | | | | DATE | WETLAND MITIGATION DETAIL PLAN |
| | | | | | | S.H. 5086 & 9268 | DRAWING NO. WMD-2 SHEET NO. 95 |
| NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 09 | | | | | | | |

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 USER = ssorjshyn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER OR BEAR THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR IS ALTERED. THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DESIGNED BY: CJM
 JOB MANAGER: JRM
 DESIGN SUPERVISOR: JRM
 CHECKED BY: CJM/JRM



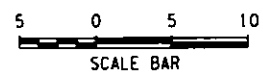
- NOTES:
- SEE DWG. NO. MST-3 FOR DRIVEWAY LOCATIONS. DRIVEWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH STANDARD SHEETS.
 - FOR PAVEMENT TRANSITION DETAIL SEE DWG. NO. MD-1.
 - SEE DWG. NO. MST-2 FOR UTILITY DISPOSITION TABLE.
 - IMPACTED UTILITIES SHALL BE RELOCATED BY OTHERS.
 - ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS.
 - SEE TABLE ON DWG. NO. MST-3 FOR UNDERDRAIN LOCATIONS.
 - ALL ASPHALT SHALL BE SAWCUT AT WORK TERMINATION POINTS, SAWCUTTING PAID UNDER ITEM 08520.5014.

PREPARED BY:
ON: NOVEMBER 2009

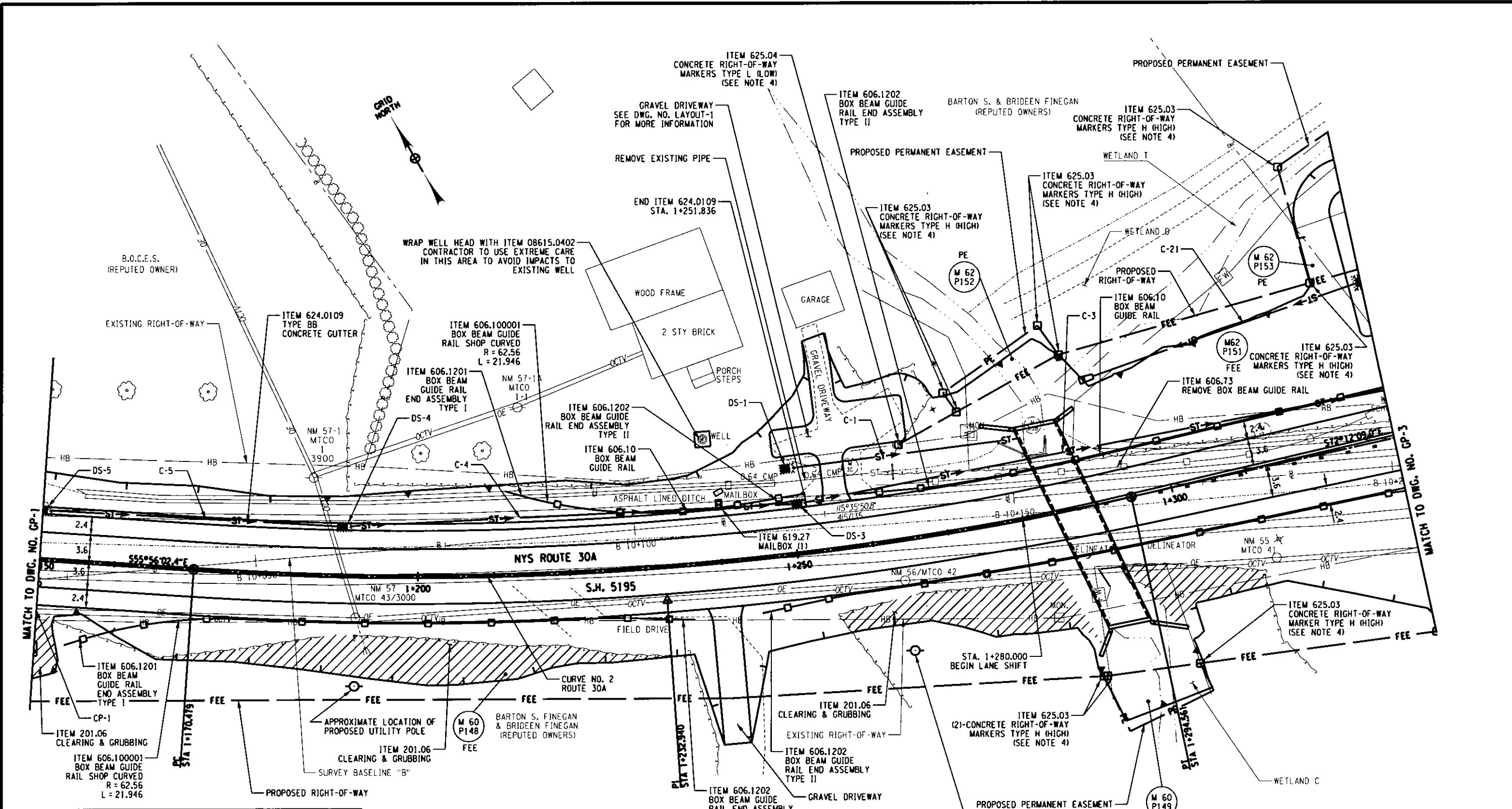
ALTERED BY:
ON:

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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | DRAWING NO. GP-1 SHEET NO. 96 | DRAWING NO. GP-1 SHEET NO. 96 |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | | |
| SIGNATURE | DATE | COUNTY: SCHOHARIE COUNTY | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |

DOCUMENT NAME: 912505_cph_gnp_01.dgn



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 DESIGN SUPERVISOR JRM
 JOB MANAGER JRM
 CHECKED BY JRM
 ESTIMATED BY JRM
 CHECKED BY JRM
 DRAFTED BY JRM
 CHECKED BY CJM/JRM



PREPARED BY:
 ON: NOVEMBER 2009

ALTERED BY:
 ON:

NOTES:

1. FOR DRIVEWAY LOCATIONS SEE DWG. NO. MST-3. DRIVEWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARD SHEETS.
2. IMPACTED UTILITIES SHALL BE RELOCATED BY OTHERS.
3. SEE DWG. NO. MST-2 FOR UTILITY DISPOSITION TABLE.
4. ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS.
5. SEE TABLE ON DWG. NO. MST-3 FOR UNDERDRAIN LOCATIONS.



AS BUILT REVISIONS
 DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

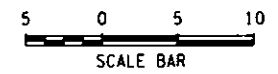
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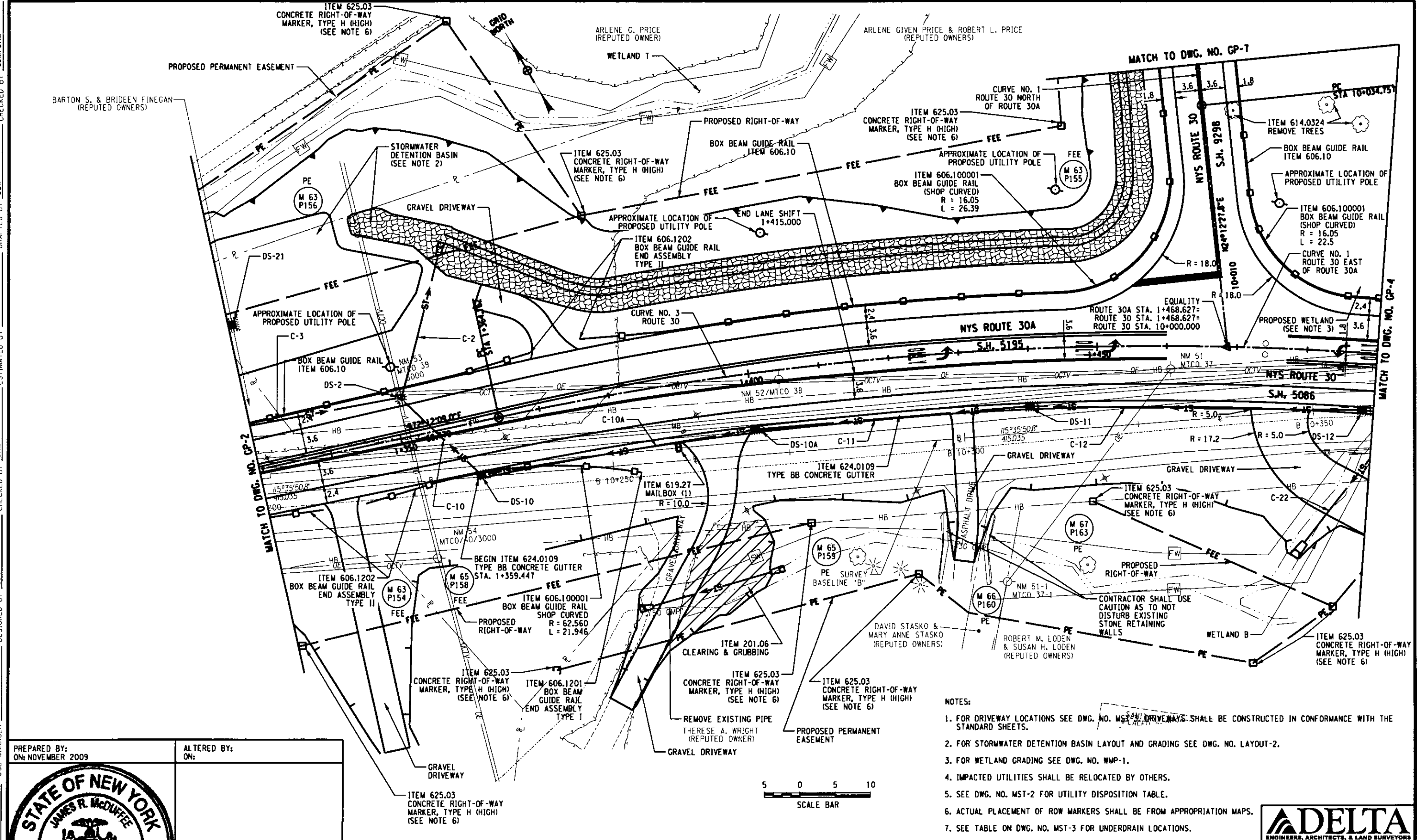
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| HIGHWAY INTERSECTION IMPROVEMENT | |
| NYS ROUTES 30/30A & 30/443 | |
| S.H. 5444, 5086, 5195 & 9298 | |
| TOWN OF SCHOHARIE | |
| COUNTY: SCHOHARIE COUNTY | |

| | |
|-----------|------------------|
| PIN | 9125.05 |
| PS&E DATE | NOVEMBER 5, 2009 |
| BRIDGES | |
| CULVERTS | C960062 |

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|--|--|-----------------|---------|
| ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | | CONTRACT NUMBER | D261326 |
| ROUTES 30/30A INTERSECTION GENERAL PLAN | | DRAWING NO. | GP-2 |
| S.H. 5195 | | SHEET NO. | 97 |
| NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | |



FILE NAME = T:\1997\1997\104.003 NY Route 30 Intersections\Highway\plans\912505.cph.gnp_03.dgn
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 USER = saorighyn
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: JRM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 CHECKED BY: CJM/JRM



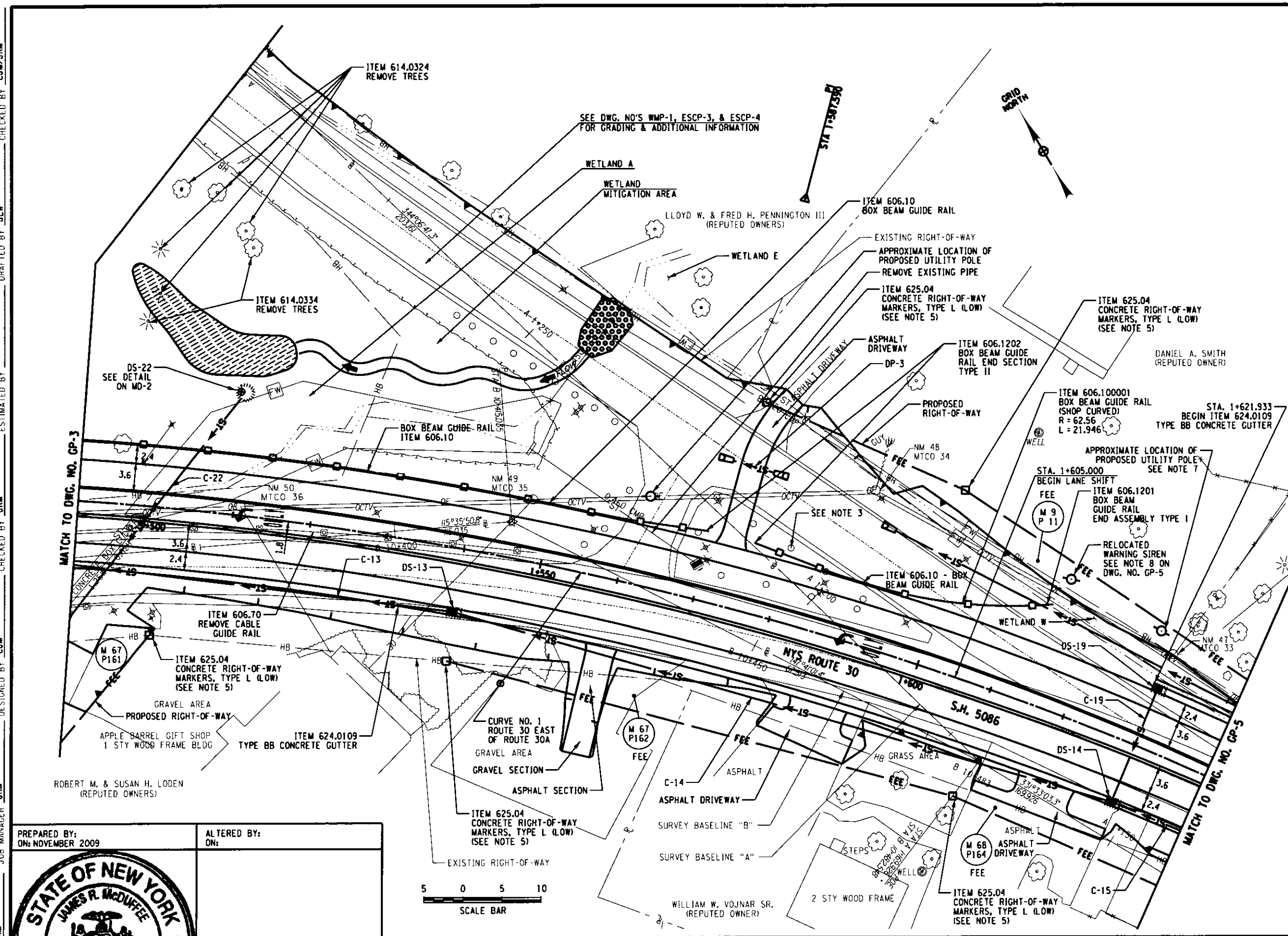
- NOTES:
1. FOR DRIVEWAY LOCATIONS SEE DWG. NO. MST-1. DRIVEWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARD SHEETS.
 2. FOR STORMWATER DETENTION BASIN LAYOUT AND GRADING SEE DWG. NO. LAYOUT-2.
 3. FOR WETLAND GRADING SEE DWG. NO. WMP-1.
 4. IMPACTED UTILITIES SHALL BE RELOCATED BY OTHERS.
 5. SEE DWG. NO. MST-2 FOR UTILITY DISPOSITION TABLE.
 6. ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS.
 7. SEE TABLE ON DWG. NO. MST-3 FOR UNDERDRAIN LOCATIONS.

PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

| | | | | | | | |
|--|----------------------------------|--------------------------------------|------------------|--|----------|--|------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: SIGNATURE _____ DATE _____ | HIGHWAY INTERSECTION IMPROVEMENT | | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | | 9125.05 | | C960062 | | |
| | S.H. 5444, 5086, 5195 & 9298 | | PS&E DATE | | | | |
| | TOWN OF SCHOHARIE | | NOVEMBER 5, 2009 | | | | DRAWING NO. GP-3 |
| COUNTY: SCHOHARIE COUNTY | | DOCUMENT NAME: 912505.cph.gnp_03.dgn | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | |

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 USER = ssongshyn
 DATE/TIME = 12/22/2009 9:25:52 AM
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM



- NOTES:
- FOR DRIVEWAY LOCATIONS SEE DWG. NO. MST-3. DRIVEWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARD SHEETS.
 - IMPACTED UTILITIES SHALL BE RELOCATED BY OTHERS.
 - REMOVAL OF ALL BOLLARDS SHALL BE INCLUDED IN PRICE BID FOR ITEM 203.02, UNLESS OTHERWISE NOTED.
 - SEE DWG. NO. MST-2 FOR UTILITY DISPOSITION TABLE.
 - ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS.
 - SEE TABLE ON DWG. NO. MST-3 FOR UNDERDRAIN LOCATIONS.
 - REESTABLISH UNDERGROUND ELECTRIC TO THE DANIEL SMITH RESIDENCE. CONNECT TO EXISTING FEED SUPPLYING HOUSE FROM POLE NM 48/MTCO 34 (STA. 1+590+ LT.), PAID UNDER ITEM 07662.010001. REESTABLISHMENT OF UNDERGROUND CABLE TV PAID UNDER ITEM 09662.01, REESTABLISHMENT OF UNDERGROUND TELEPHONE PAID UNDER ITEM 08662.030001.

PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:
 STATE OF NEW YORK
 JAMES R. McDUFFEE
 LICENSED PROFESSIONAL ENGINEER
 No. 699508

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| AS BUILT REVISIONS DESCRIPTION OF WORK: | SIGNATURE | DATE |
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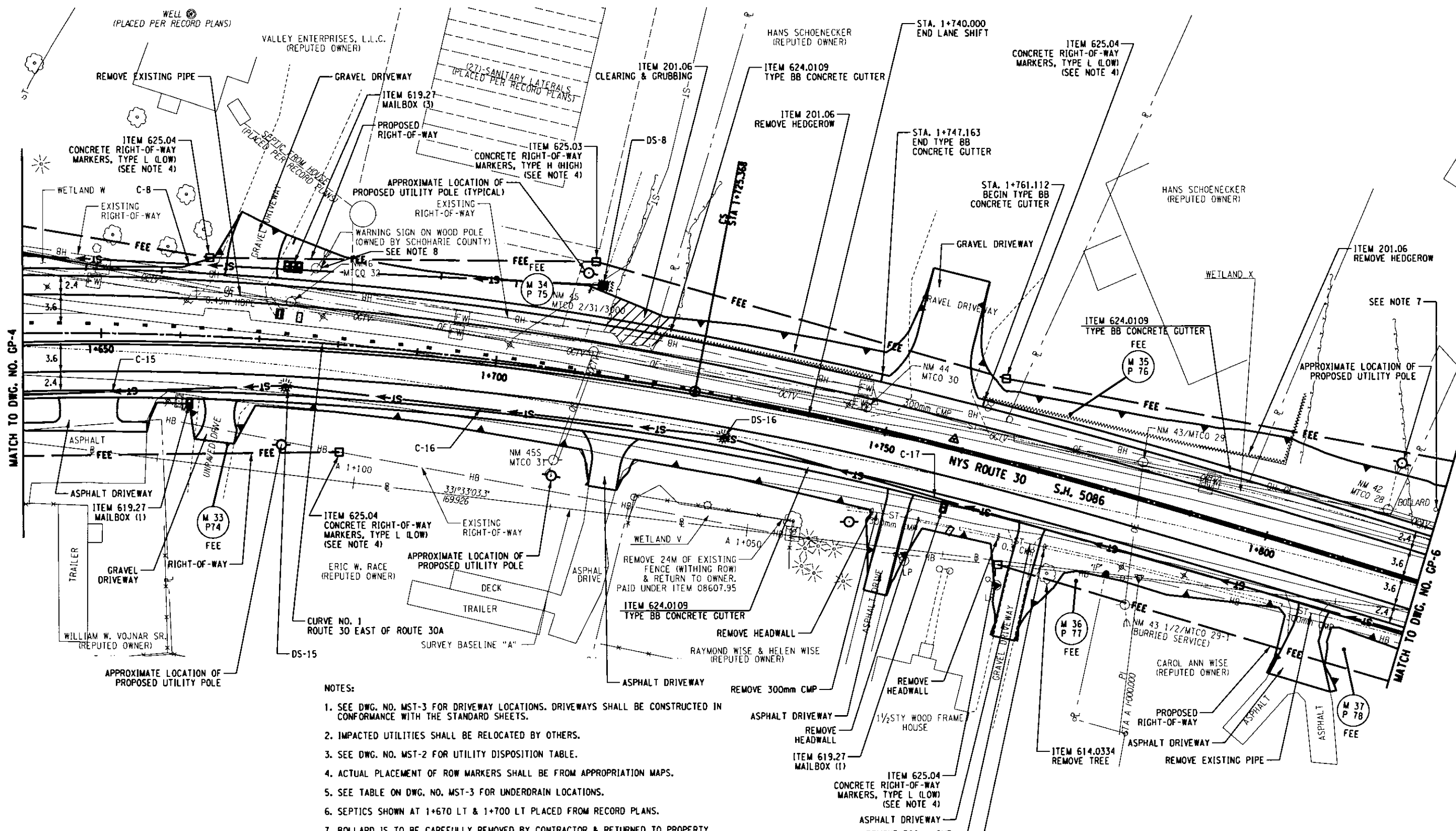
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| HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY |
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| PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 |
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| ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED ROUTES 30/30A INTERSECTION GENERAL PLAN S.H. 5086 | CONTRACT NUMBER D261326 | DRAWING NO. CP-4 SHEET NO. 99 |
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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM



- NOTES:
- SEE DWG. NO. MST-3 FOR DRIVEWAY LOCATIONS. DRIVEWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARD SHEETS.
 - IMPACTED UTILITIES SHALL BE RELOCATED BY OTHERS.
 - SEE DWG. NO. MST-2 FOR UTILITY DISPOSITION TABLE.
 - ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS.
 - SEE TABLE ON DWG. NO. MST-3 FOR UNDERDRAIN LOCATIONS.
 - SEPTICS SHOWN AT 1+670 LT & 1+700 LT PLACED FROM RECORD PLANS.
 - BOLLARD IS TO BE CAREFULLY REMOVED BY CONTRACTOR & RETURNED TO PROPERTY OWNER. THIS SHALL BE COORDINATED WITH THE EIC. COST SUBSIDIARY TO ITEM 203.02.
 - WARNING SIREN TO BE RELOCATED TO STA. 1+615, 17m LT. BY CONTRACTOR. POWER SOURCE TO BE DISCONNECTED AND EQUIPMENT REMOVED FROM POLE AND STORED PRIOR TO RELOCATION. COST OF RESTORING ELECTRICAL SERVICE SHALL BE PAID UNDER ITEM 08662.600001. ALL OTHER COSTS (DISASSEMBLE, REASSEMBLE, TESTING, ETC.) ASSOCIATED WITH RELOCATION SHALL BE INCLUDED IN BID PRICE FOR ITEM 10670.9150. CONTRACTOR TO NOTE THAT ONCE THE WARNING SIREN IS TAKEN OFFLINE, WORK MUST PROGRESS TO REESTABLISH IT TO A WORKING ORDER. THERE IS A MAXIMUM OFFLINE TIME OF 72 HOURS, THIS INCLUDES A PERFORMANCE TEST FOR THE SCHOHARIE COUNTY SHERIFF'S DEPARTMENT UPON COMPLETION AND PRIOR TO ACCEPTANCE OF WORK.

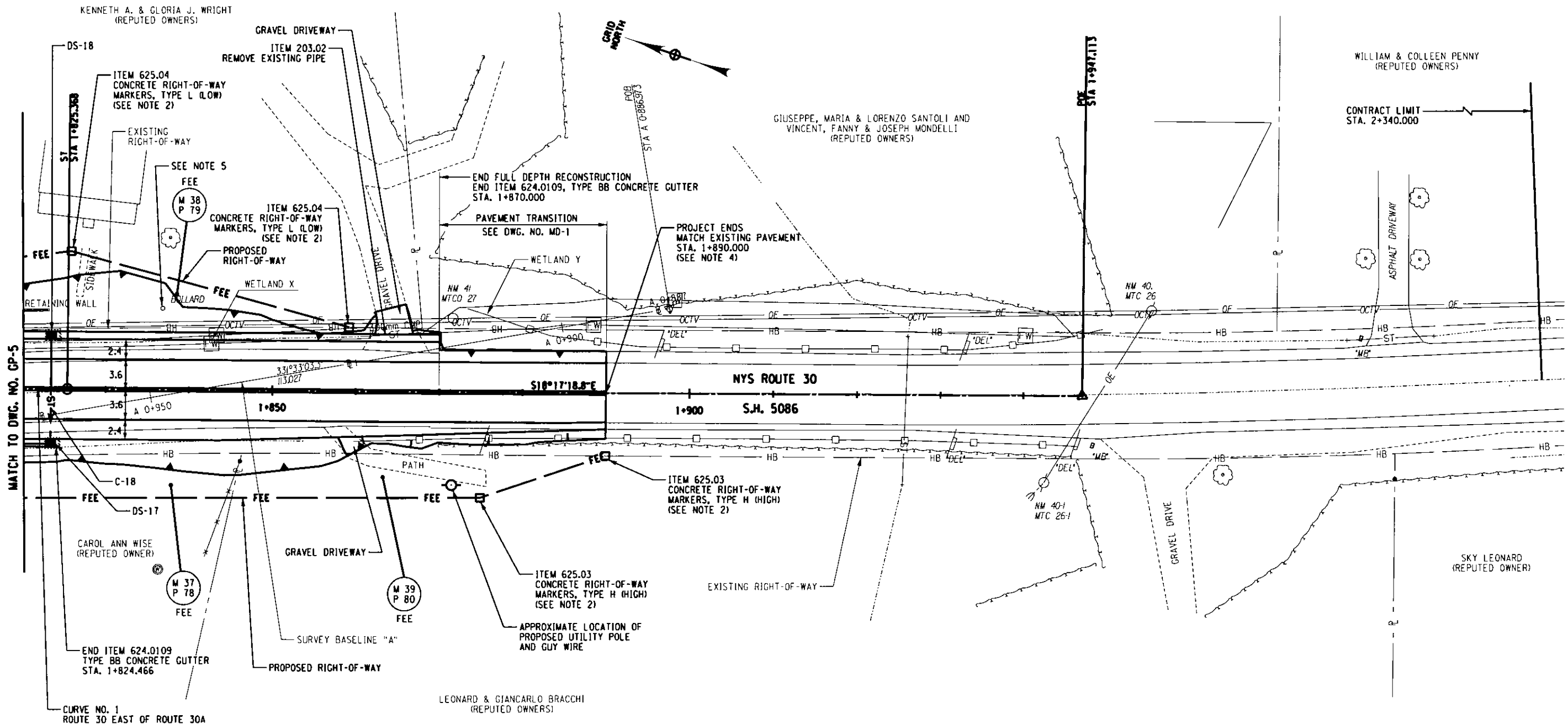


PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:

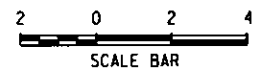
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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | DRAWING NO. GP-5 | |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | SHEET NO. 100 | |
| SIGNATURE _____ | DATE _____ | COUNTY: SCHOHARIE COUNTY | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |



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 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ARCHITECT, ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, IS TO BE ALTERED. THE DATE OF SUCH ALTERATION, THE DATE OF THEIR SIGNATURE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, SHALL BE STAMPED ON THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM



- NOTES:
1. FOR DRIVEWAY LOCATIONS SEE DWG. NO. MST-3. DRIVEWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARD SHEETS.
 2. ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS.
 3. SEE TABLE ON DWG. NO. MST-3 FOR UNDERDRAIN LOCATIONS.
 4. ALL ASPHALT SHALL BE SAWCUT AT WORK TERMINATION POINTS, PAID UNDER ITEM 08520.5014.
 5. BOLLARD IS TO BE CAREFULLY REMOVED BY CONTRACTOR & RETURNED TO PROPERTY OWNER. THIS SHALL BE COORDINATED WITH THE EIC. COST SUBSIDIARY TO ITEM 203.02.



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:



AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
**ROUTES 30/30A INTERSECTION
 GENERAL PLAN**
 S.H. 5086

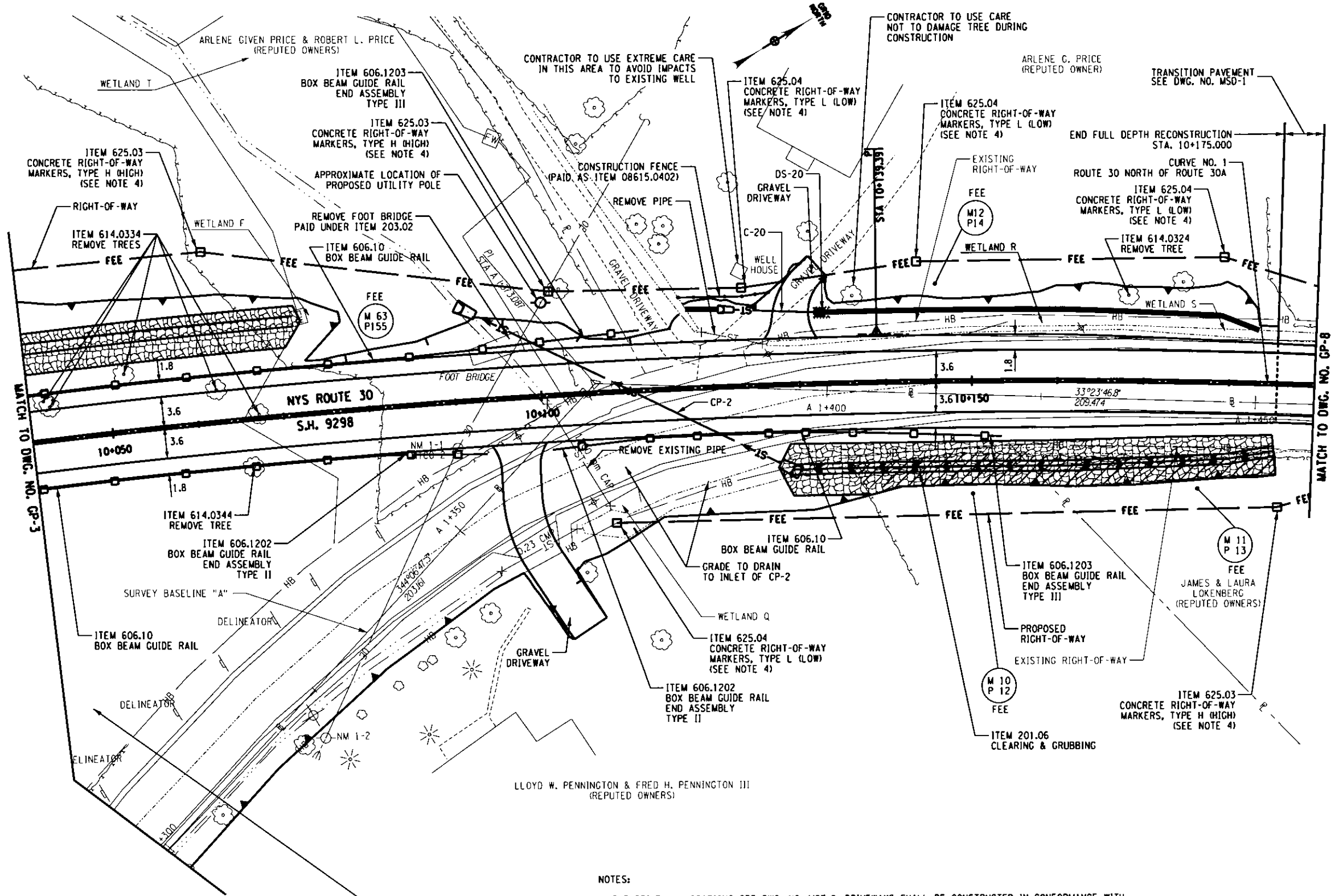
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 DRAWING NO. GP-6
 SHEET NO. 101



DOCUMENT NAME: 912505.cph.gnp_06.dgn

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

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 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER OR REMOVE ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR IS ALTERED OR REMOVED, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION FOLLOWED BY THEIR SIGNATURE.
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 JOB MANAGER: JRM
 DESIGN SUPERVISOR: JRM
 CHECKED BY: CJM/JRM



- NOTES:
1. FOR DRIVEWAY LOCATIONS SEE DWG. NO. MST-2. DRIVEWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE STANDARD SHEETS.
 2. IMPACTED UTILITIES SHALL BE RELOCATED BY OTHERS.
 3. SEE DWG. NO. MST-2 FOR UTILITY DISPOSITION TABLE.
 4. ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS.
 5. SEE TABLE ON DWG. NO. MST-3 FOR UNDERDRAIN LOCATIONS.



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

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| AS BUILT REVISIONS DESCRIPTION OF WORK: | |
| SIGNATURE _____ | DATE _____ |

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| HIGHWAY INTERSECTION IMPROVEMENT | |
| NYS ROUTES 30/30A & 30/443 | |
| S.H. 5444, 5086, 5195 & 9298 | |
| TOWN OF SCHOHARIE | |
| COUNTY: SCHOHARIE COUNTY | |

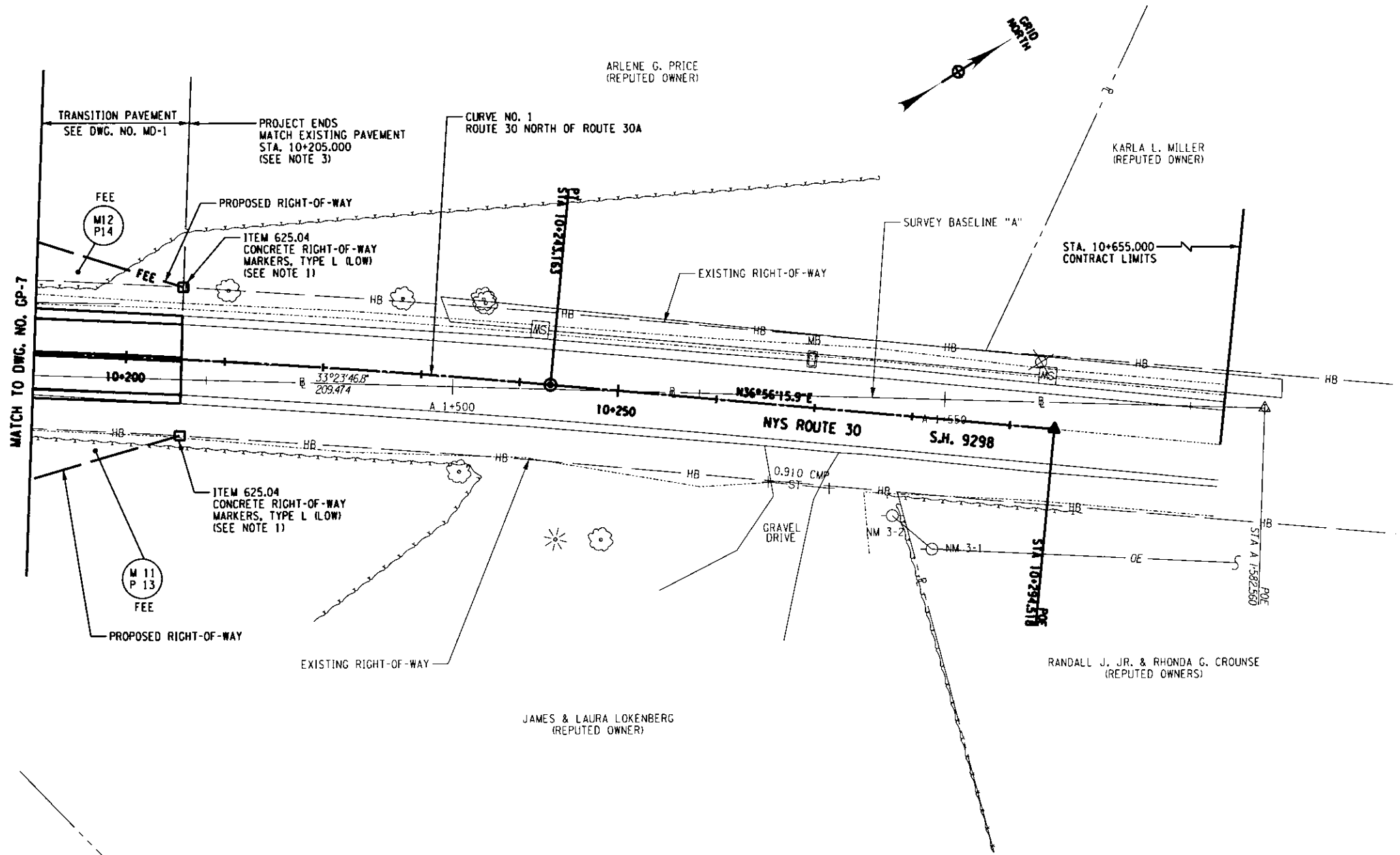
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| PIN | 9125.05 |
| PS&E DATE | NOVEMBER 5, 2009 |
| BRIDGES | |
| CULVERTS | C960062 |

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| ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | |
| CONTRACT NUMBER | |
| D261326 | |
| DRAWING NO. CP-7 | |
| SHEET NO. 102 | |
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| NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |

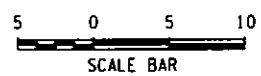


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 USER = saahyghn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING PROFESSIONAL IS ALTERED. THE ALTERING PROFESSIONAL ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM



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|---|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| | |
| AS BUILT REVISIONS DESCRIPTION OF WORK: | |
| HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | |
| SIGNATURE _____ | DATE _____ |



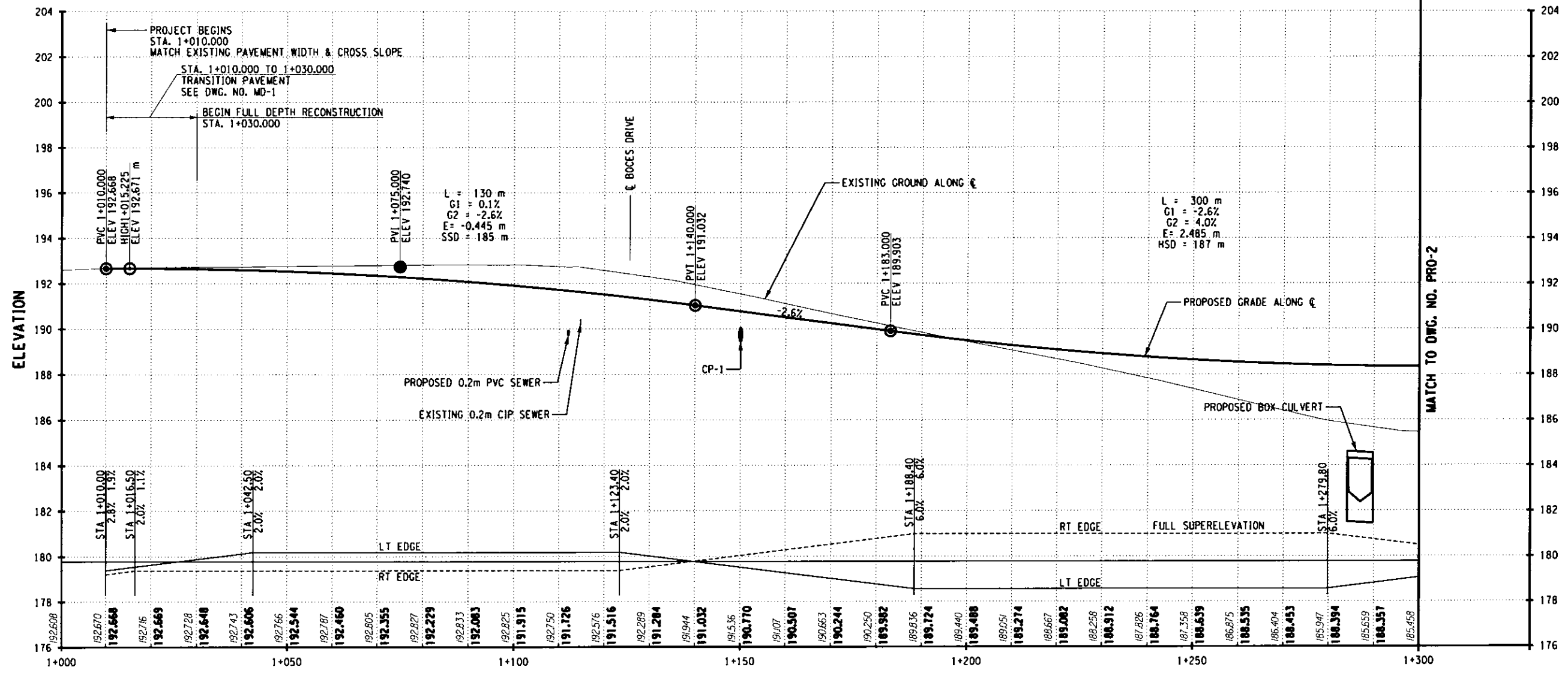
- NOTES:
- ACTUAL PLACEMENT OF ROW MARKERS SHALL BE FROM APPROPRIATION MAPS.
 - SEE TABLE ON DWG. NO. MST-4 FOR UNDERDRAIN LOCATIONS.
 - ALL ASPHALT SHALL BE SAWCUT AT WORK TERMINATION POINTS, PAID UNDER ITEM 08520.5014

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|---|-----------------------------------|
| | |
| ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED ROUTES 30/30A INTERSECTION GENERAL PLAN | |
| CONTRACT NUMBER D261326 | DRAWING NO. GP-8 SHEET NO. 103 |
| S.H. 9298 NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |

DOCUMENT NAME: 912505.cph.gnp.08.dgn

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 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER ARCHITECT OR LAND SURVEYOR TO ALTER ANY ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 ESTIMATED BY: JRM
 CHECKED BY: JLM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM

PROPOSED NYS ROUTE 30A



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

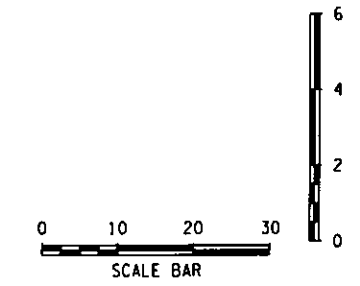
HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN: 9125.05
 PS&E DATE: NOVEMBER 5, 2009

BRIDGES: _____
 CULVERTS: C960062

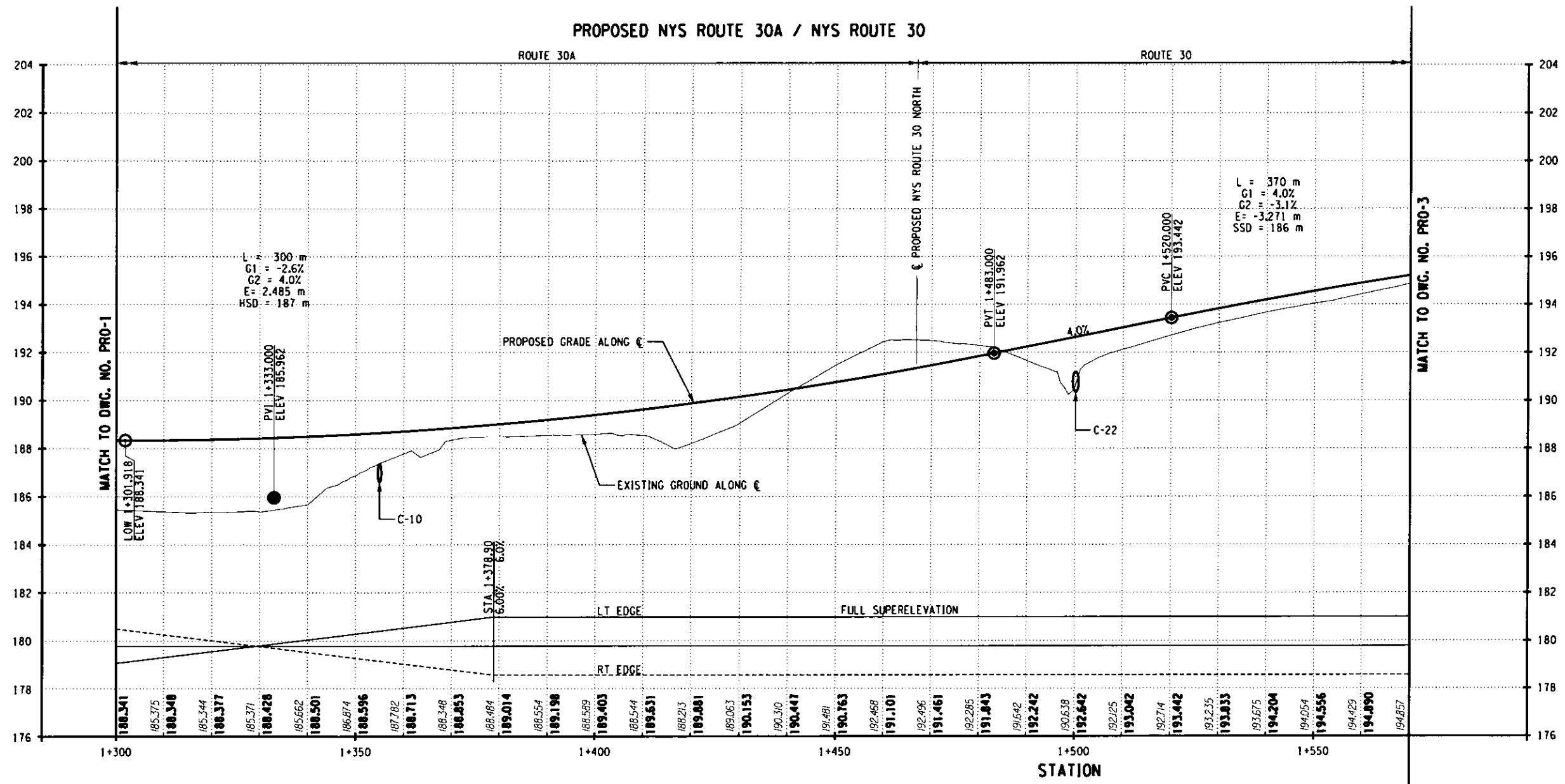
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ROUTES 30/30A INTERSECTION PROFILE
 S.H. 5195

CONTRACT NUMBER: D261326
 DRAWING NO. PRO-1
 SHEET NO. 111



DELTA
ENGINEERS, ARCHITECTS, & LAND SURVEYORS

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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

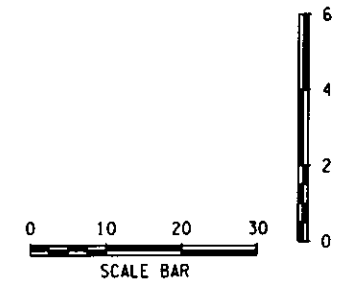
PIN
9125.05
PS&E DATE
NOVEMBER 5, 2009

BRIDGES
CULVERTS
C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
ROUTES 30/30A INTERSECTION PROFILE
 S.H. 5195 & 5086

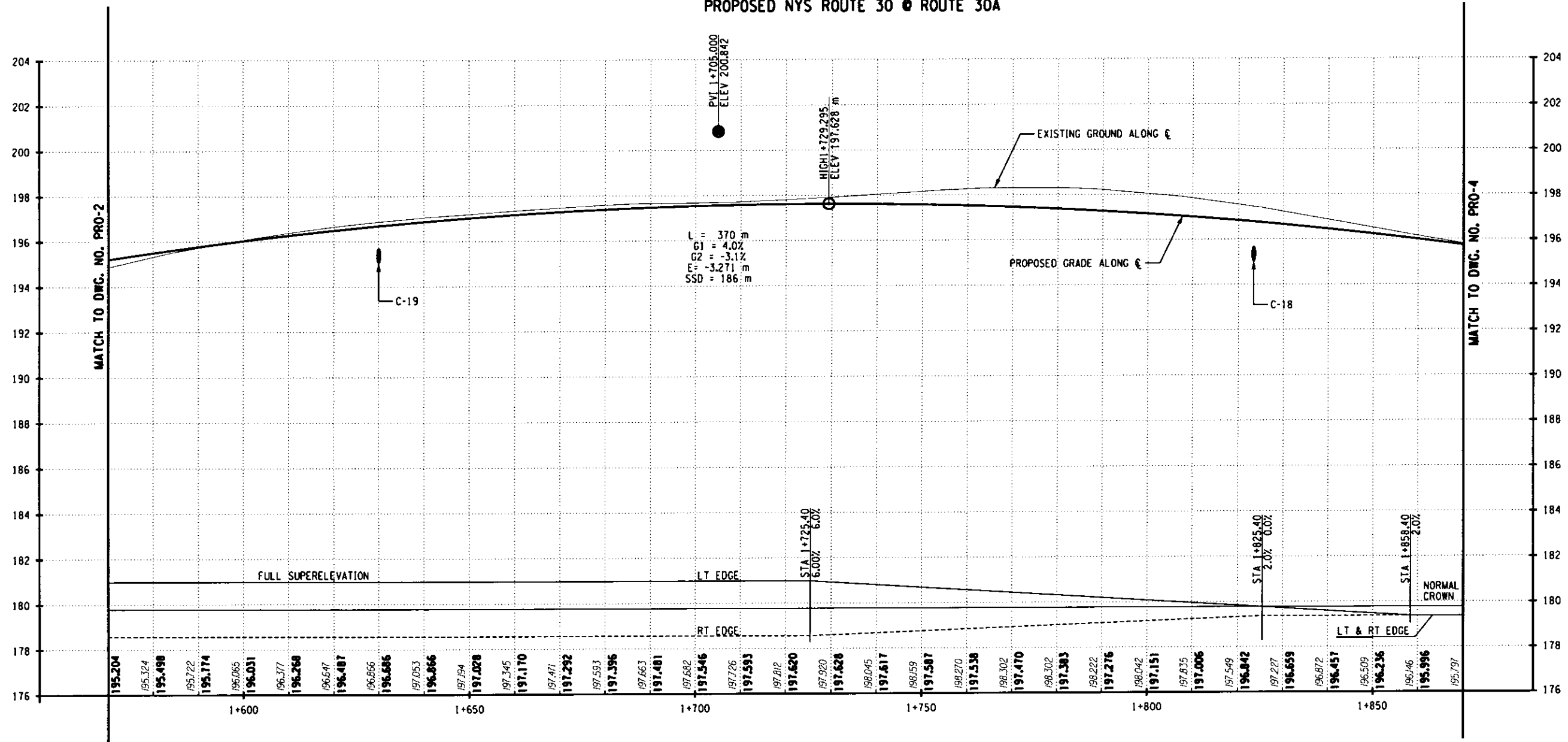
CONTRACT NUMBER
D261326

DRAWING NO. PRO-2
SHEET NO. 112



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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM

PROPOSED NYS ROUTE 30 @ ROUTE 30A



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

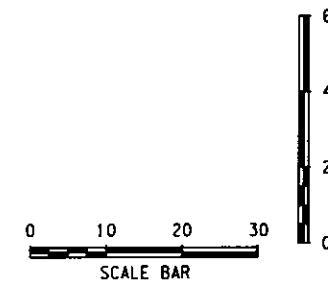
HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

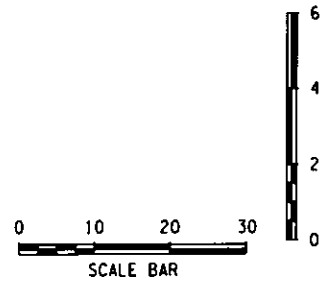
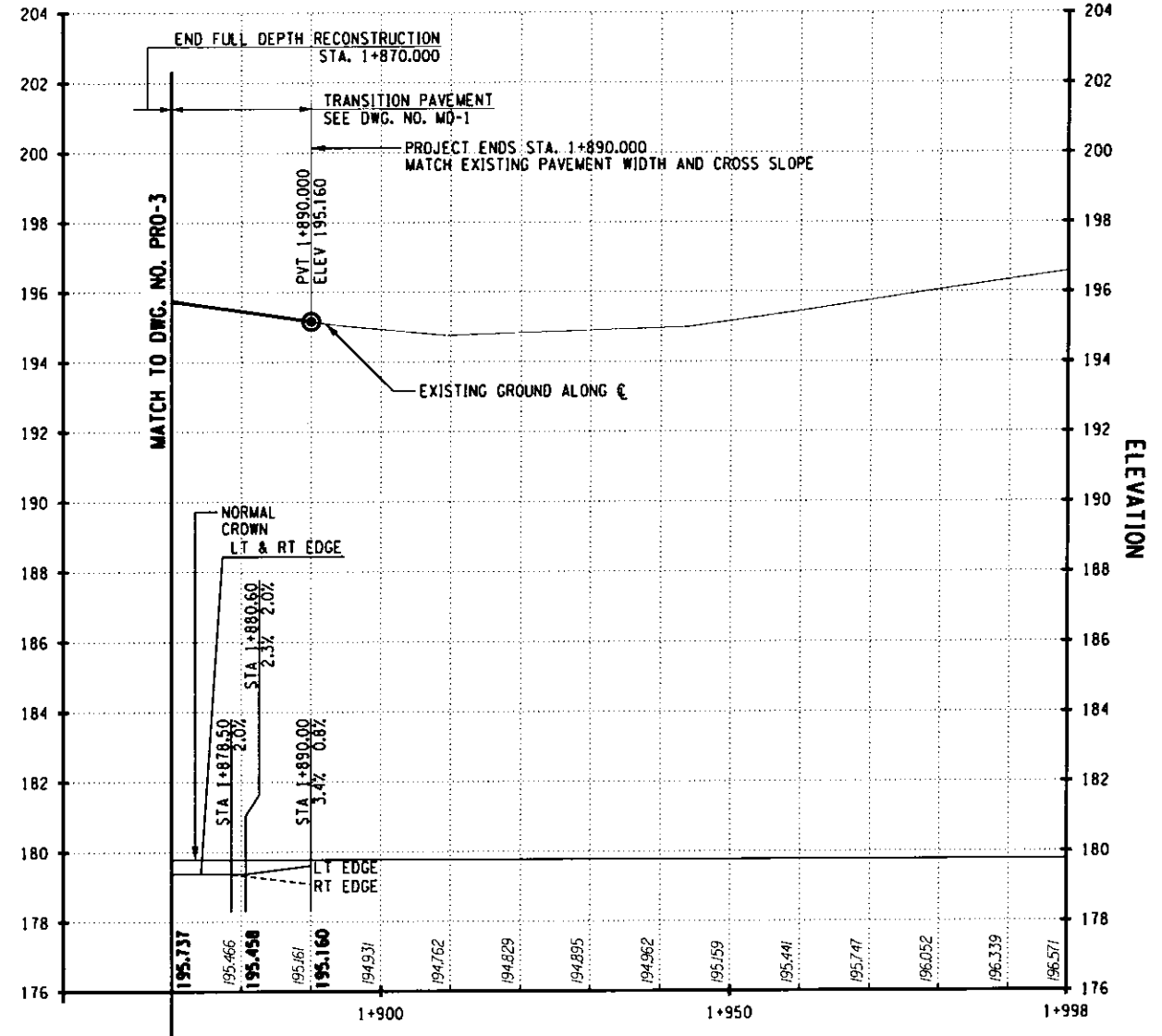
ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
ROUTES 30/30A INTERSECTION PROFILE
 S.H. 5086

CONTRACT NUMBER D261326
 DRAWING NO. PRO-3
 SHEET NO. 113



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 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER ANY ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL IS ALTERED THE ALTERNATION, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM

PROPOSED NYS ROUTE 30 @ ROUTE 30A



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

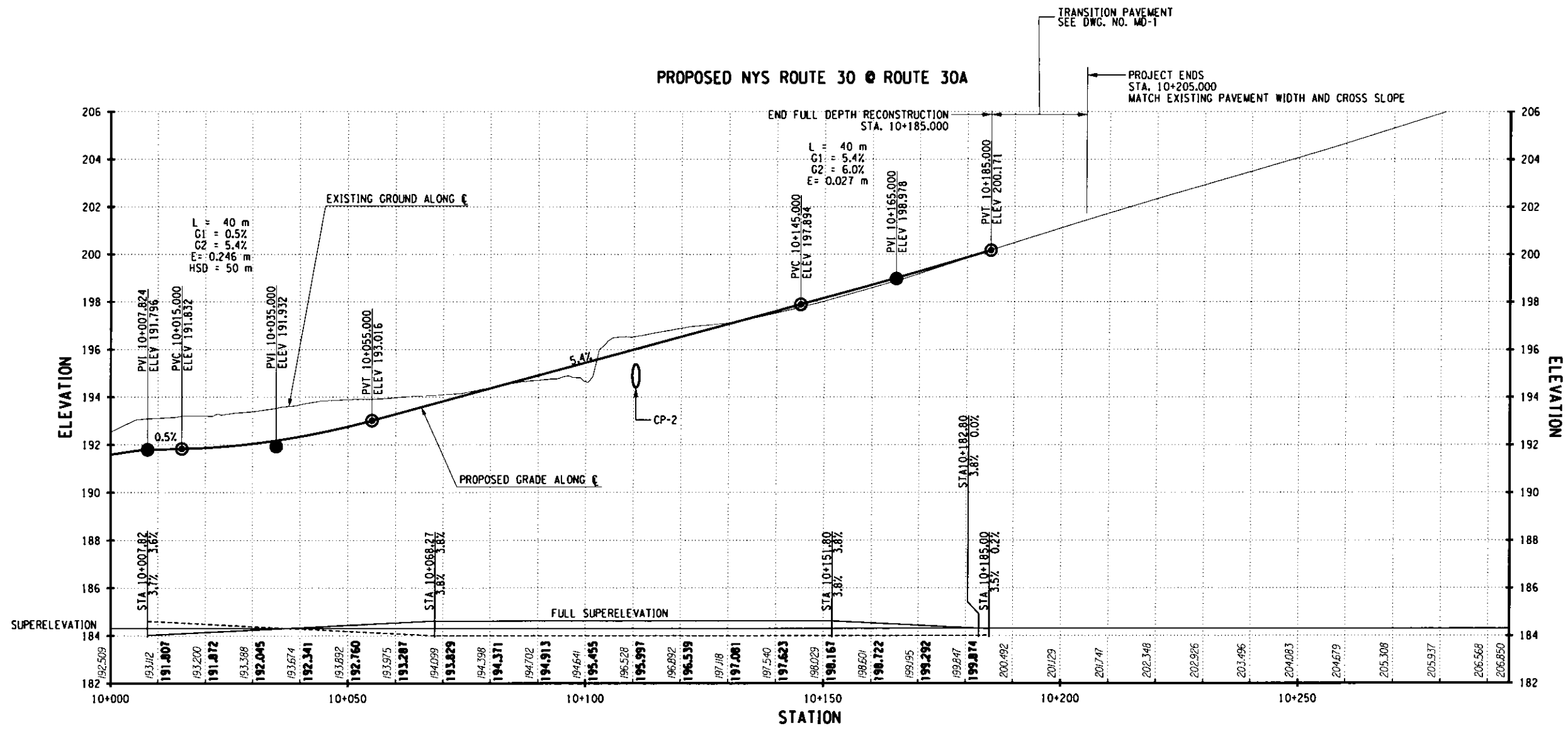
PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
ROUTES 30/30A INTERSECTION PROFILE
 S.H. 5086

CONTRACT NUMBER D261326
 DRAWING NO. PRO-4
 SHEET NO. 114

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 USER = ssongshy
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM/JRM
 CHECKED BY: CJM/JRM



PREPARED BY: ON: NOVEMBER 2009

ALTERED BY: ON:

AS BUILT REVISIONS DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

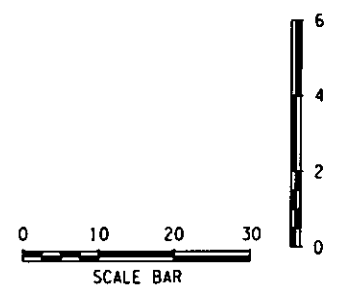
HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

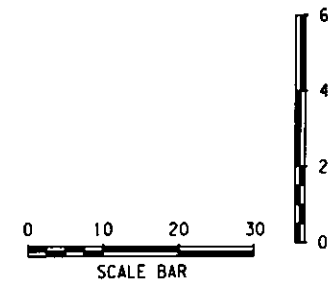
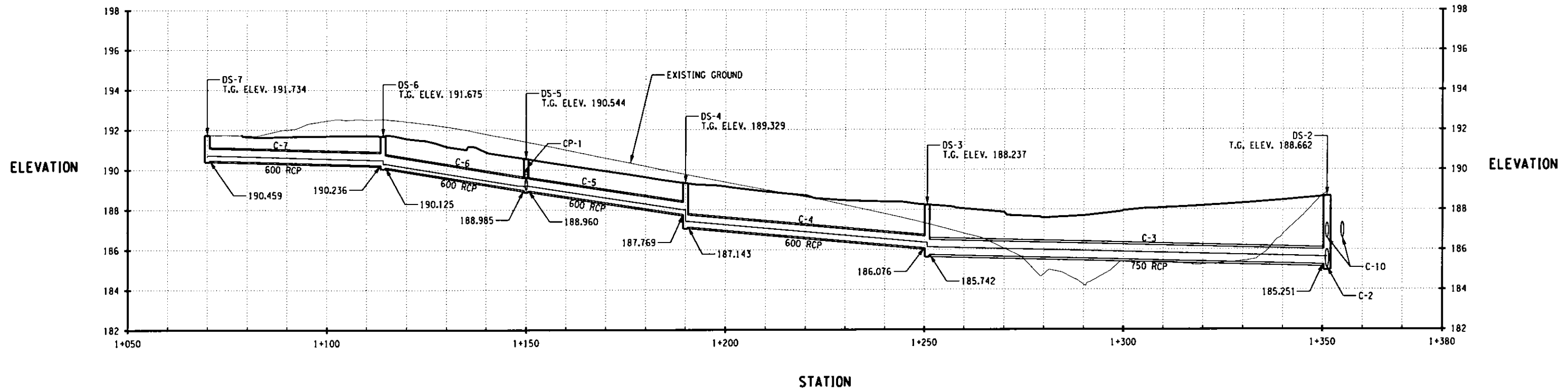
ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
ROUTES 30/30A INTERSECTION PROFILE
 S.H. 9298

CONTRACT NUMBER D261326
 DRAWING NO. PRO-5
 SHEET NO. 115



FILE NAME = T:\1997\1997104.003 NY Route 30 Intersections\Highway\profiles\912505.cph_dr_pro.01.dgn
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 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. I SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM

ROUTES 30/30A

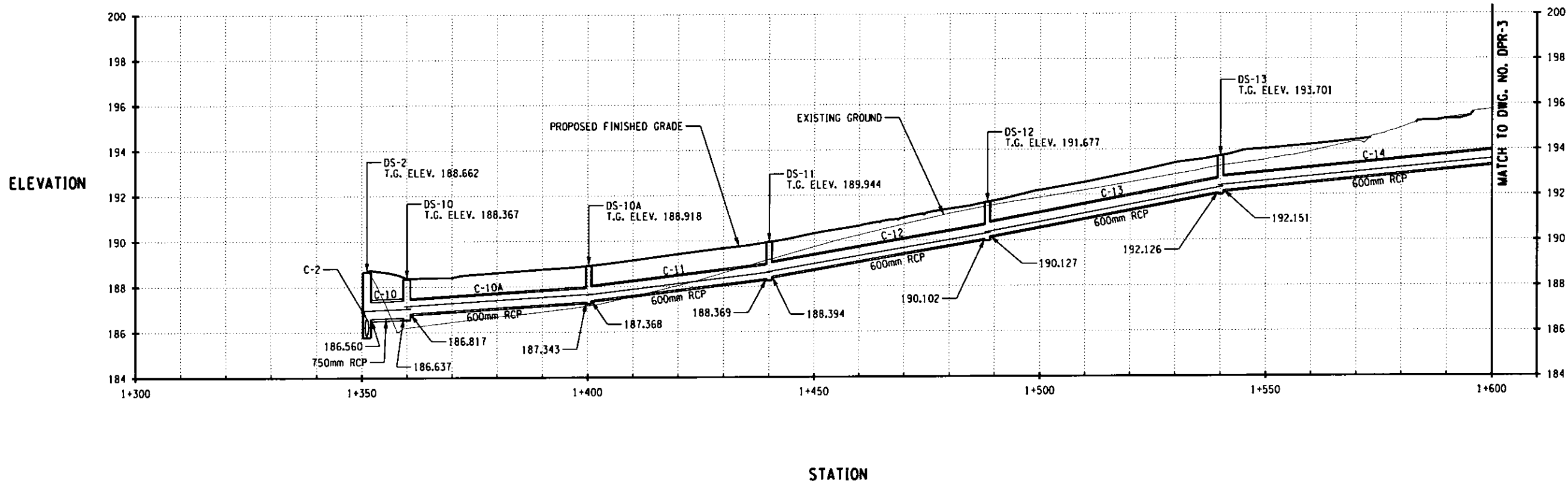


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|-----------------------------------|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| | |
| SIGNATURE _____ | DATE _____ |

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|--|----------------------------------|------------------|---------|----------|--|-----------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | ROUTES 30/30A INTERSECTION DRAINAGE PROFILES S.H. 5195 | |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | | |
| | COUNTY: SCHOHARIE COUNTY | | | | DRAWING NO. DPR-1 | SHEET NO. 121 |
| DOCUMENT NAME: 912505.cph_dr_pro.01.dgn | | | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |

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 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER ANY ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE PROFESSIONAL IS ALTERED THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM

ROUTES 30/30A



PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

AS BUILT REVISIONS
DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

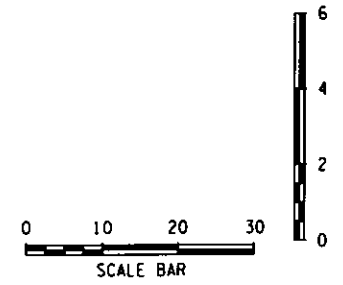
HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

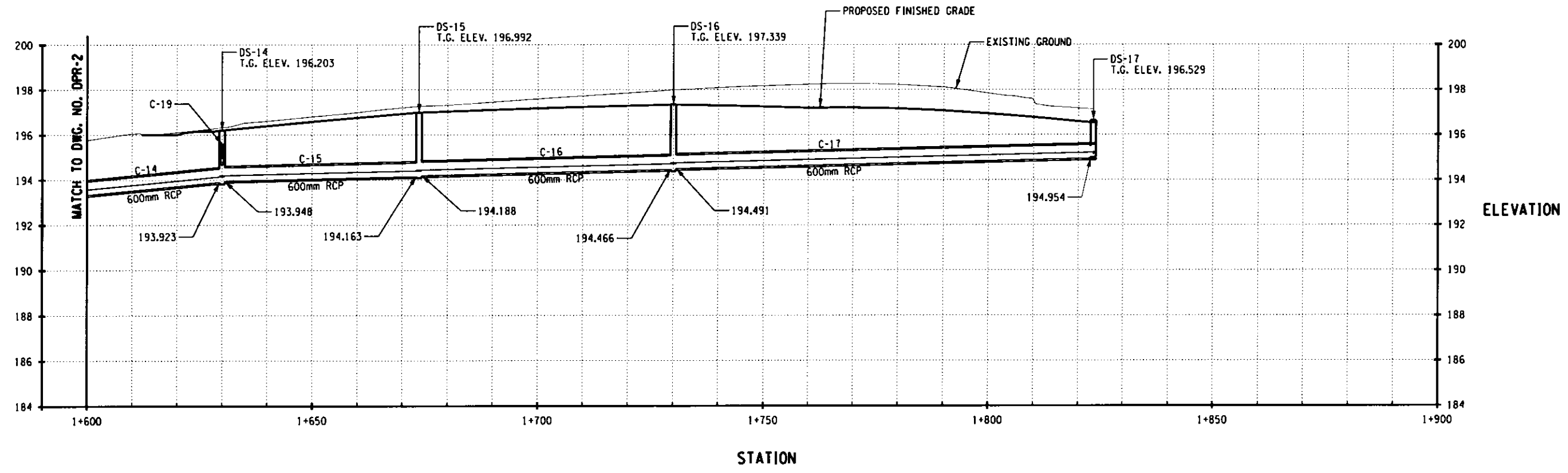
ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
ROUTES 30/30A INTERSECTION DRAINAGE PROFILES
 S.H. 5086 & 5195

CONTRACT NUMBER D261326
 DRAWING NO. DPR-2
 SHEET NO. 122



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 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR JRM
 JOB MANAGER JRM
 CHECKED BY CJM
 ESTIMATED BY JRM
 DRAFTED BY JLW
 CHECKED BY CJM/JRM

ROUTES 30/30A

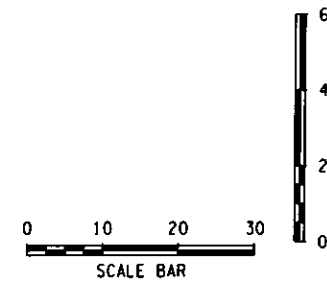
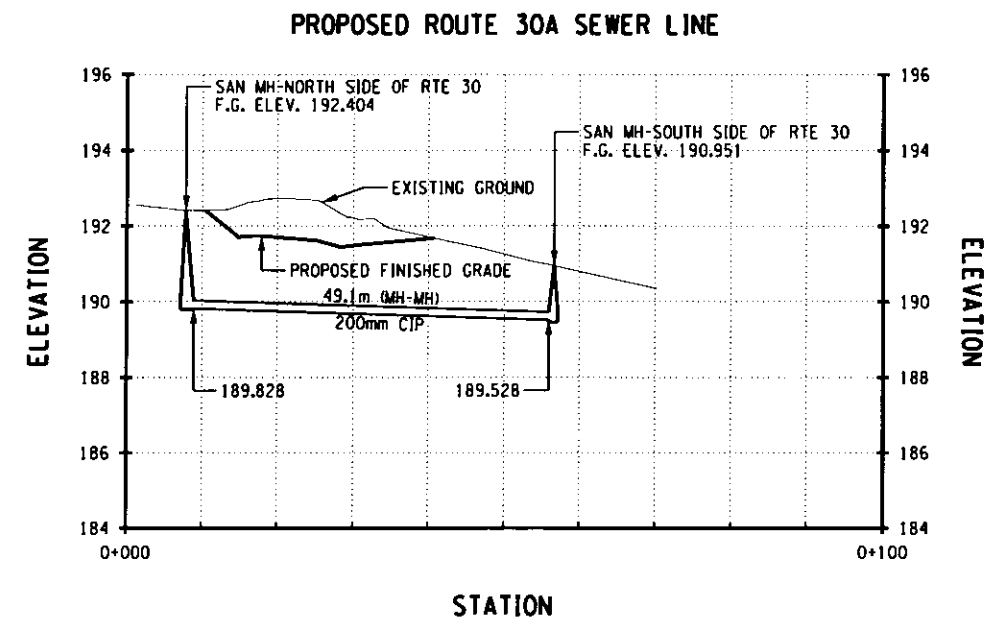
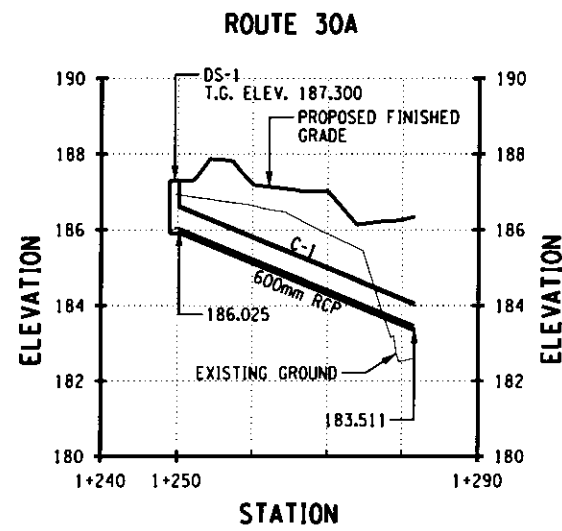
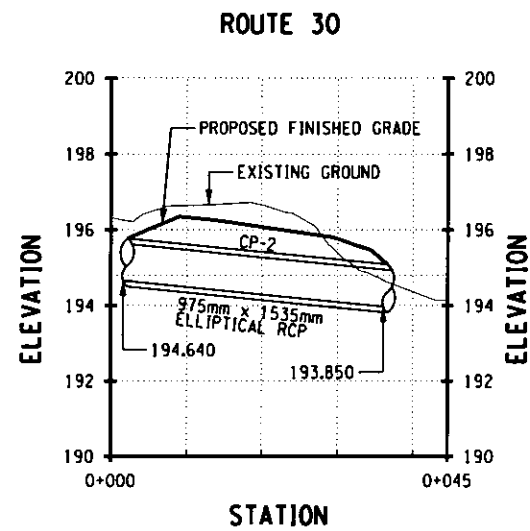
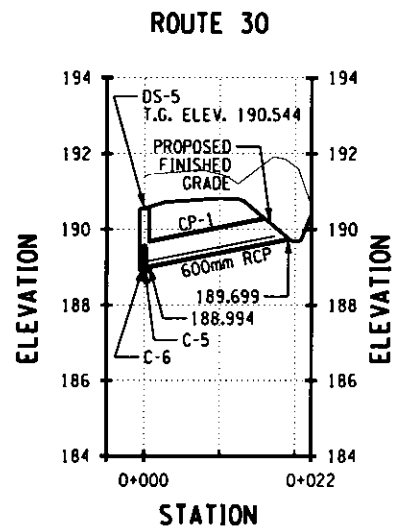
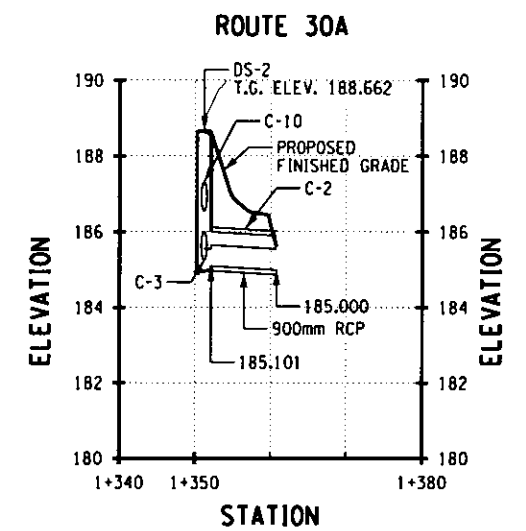
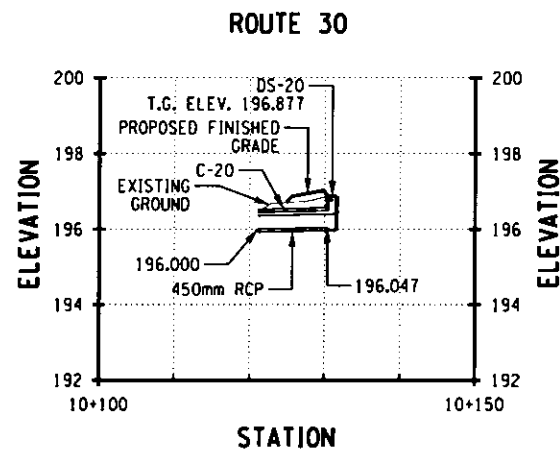
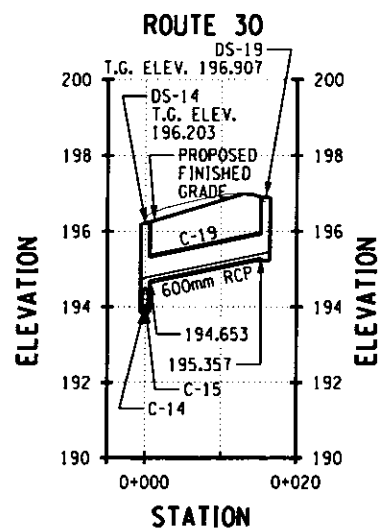
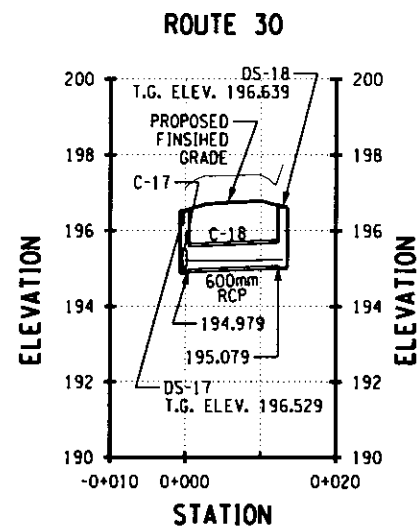


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| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| | |
| SIGNATURE _____ DATE _____ | |

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|--|---|-------------------------------|---------|---------------------|--|--|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN 9125.05 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER D261326 |
| | NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PS&E DATE NOVEMBER 5, 2009 | | | | ROUTES 30/30A INTERSECTION DRAINAGE PROFILES S.H. 5086 |
| DOCUMENT NAME: 912505.cph.dr_pro_03.dgn | | | | | | |



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 USER = asenghyn
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING PROFESSIONAL IS ALTERED. THE ALTERING PROFESSIONAL SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGNED BY: JRM CHECKED BY: JRM ESTIMATED BY: JLM CHECKED BY: JLM
 JOB MANAGER: JRM
 DESIGN SUPERVISOR: JRM



PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:

AS BUILT REVISIONS
 DESCRIPTION OF WORK:

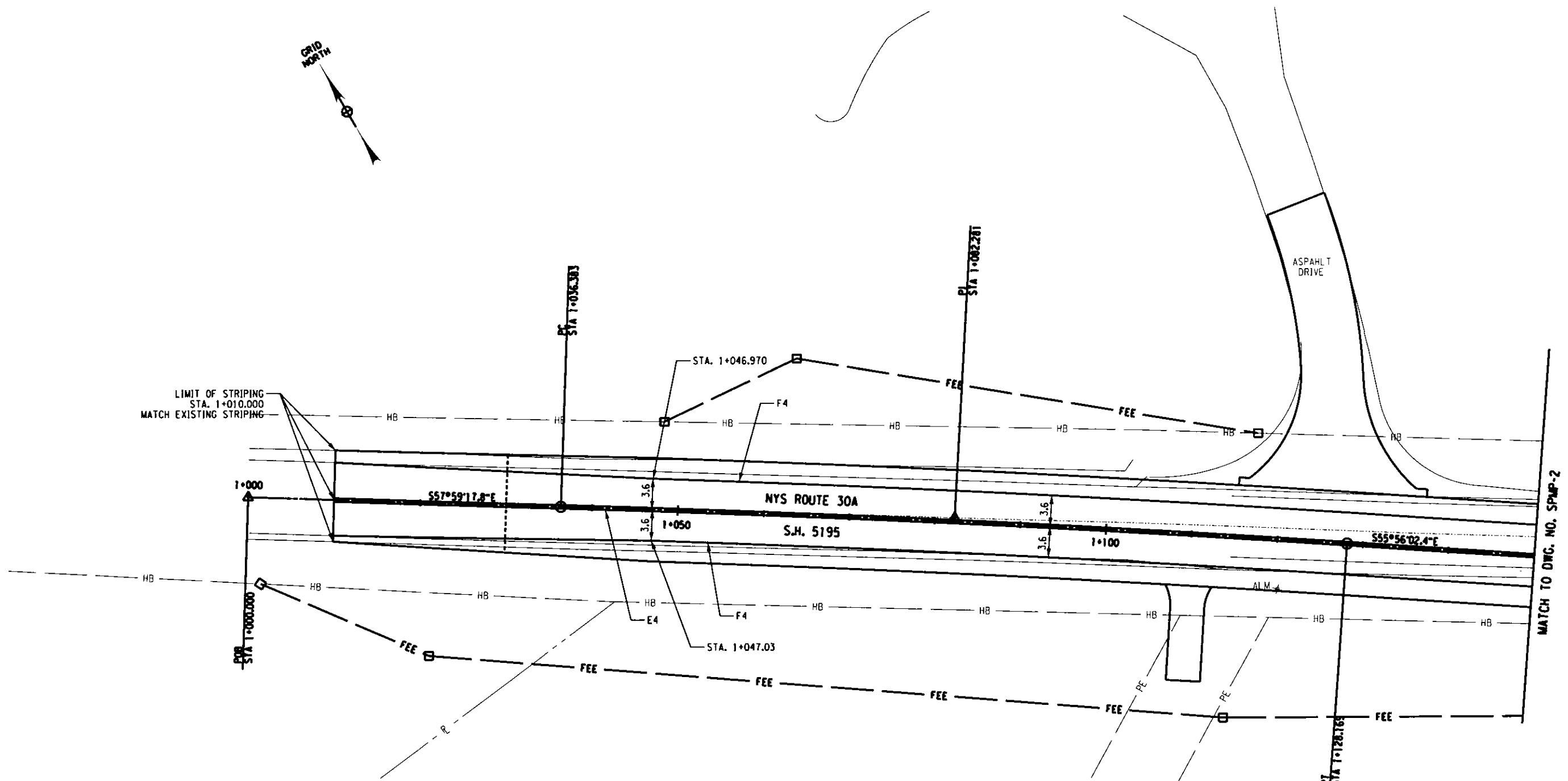
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HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009
 BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
ROUTES 30/30A INTERSECTION DRAINAGE & SEWER LINE PROFILES
 S.H. 5086, 5195, & 9298
 CONTRACT NUMBER D261326
 DRAWING NO. DPR-4
 SHEET NO. 124
 NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9

FILE NAME = I:\1997\1997104.003 NY Route 30 Intersections\Highway\plans\912505.cph.spmp.01.dgn
 DATE/TIME = 11/5/2009 11:25:17 AM
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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM



| LEGEND | |
|--------|---------------------------------|
| | NEW SIGN |
| | SIGN REMOVAL |
| | RELOCATE SIGN TO POSITION SHOWN |
| | TO REMAIN |

| PAVEMENT MARKING KEY | |
|----------------------|---|
| CODE | ITEM |
| D4 | 100mm WHITE PARTIAL BARRIER LINE 685.11 |
| E4 | 100mm YELLOW FULL BARRIER LINE 685.12 |
| F4 | 100mm WHITE SOLID LINE 685.11 |
| H4 | 100mm WHITE DOTTED LINE 685.11 |
| J4 | 100mm WHITE BROKEN LINE 685.11 |
| K24 | 600mm WHITE STOP BAR 685.11 |
| P | WHITE SYMBOL 685.14 |
| Q | WHITE LETTER 685.13 |

NOTE:
 1. SEE DWG. NO. MST-4 FOR REFERENCE MARKER LOCATIONS, SNOW PLOW MARKER LOCATIONS, AND DELINEATOR LOCATIONS.



PREPARED BY: ON: NOVEMBER 2009

ALTERED BY: ON:

AS BUILT REVISIONS DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED

ROUTES 30/30A INTERSECTION SIGN AND PAVEMENT MARKING PLAN

S.H. 5195

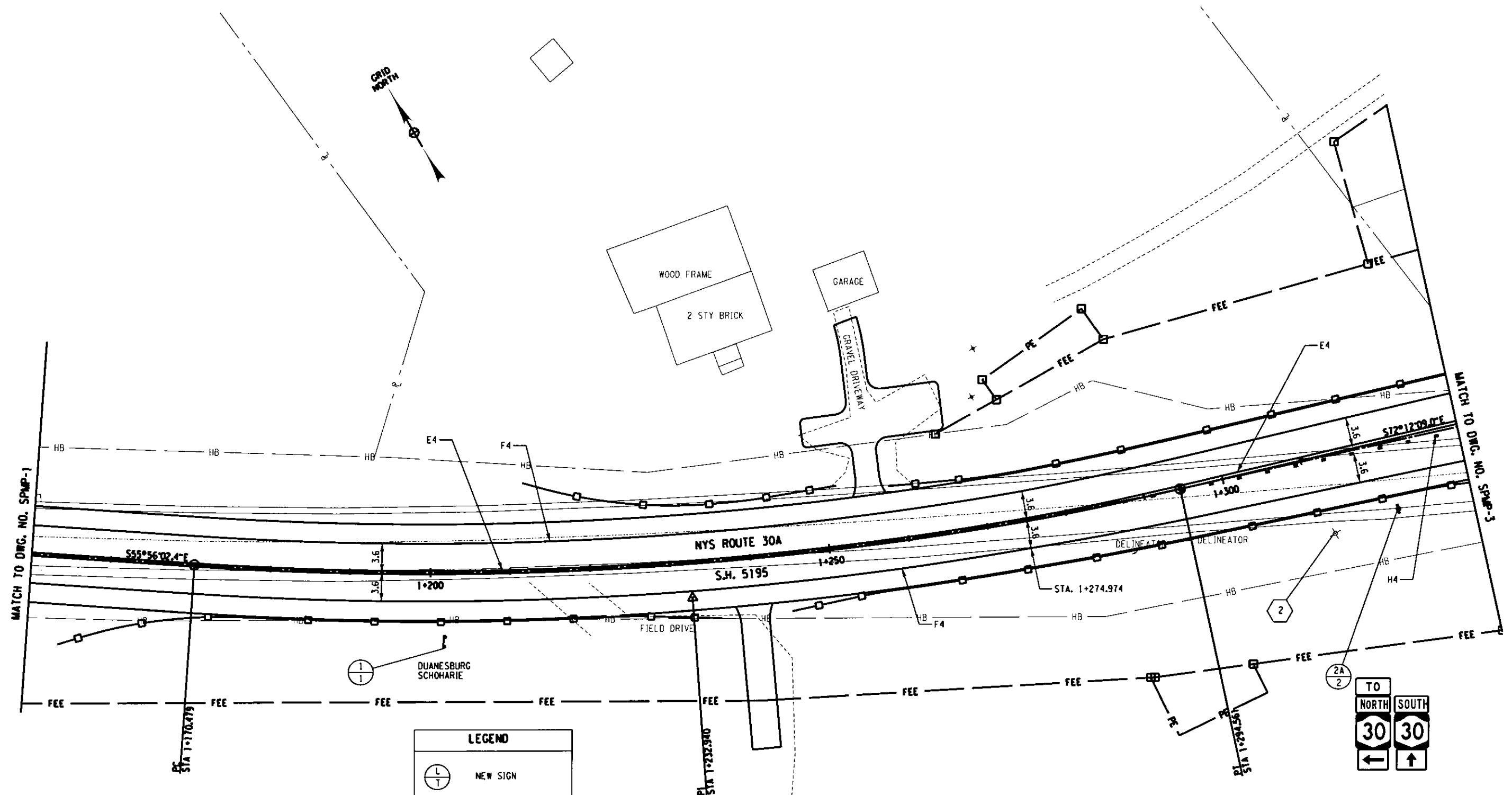
CONTRACT NUMBER D261326

DRAWING NO. SPMP-1 SHEET NO. 126

NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9



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 DESIGN SUPERVISOR: JRM CHECKED BY: JRM DRAFTED BY: CJM/JRM CHECKED BY: CJM/JRM



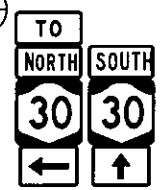
LEGEND

| | |
|--|---------------------------------|
| | NEW SIGN |
| | SIGN REMOVAL |
| | RELOCATE SIGN TO POSITION SHOWN |
| | TO REMAIN |

PAVEMENT MARKING KEY

| CODE | ITEM |
|------|---|
| D4 | 100mm WHITE PARTIAL BARRIER LINE 685.11 |
| E4 | 100mm YELLOW FULL BARRIER LINE 685.12 |
| F4 | 100mm WHITE SOLID LINE 685.11 |
| H4 | 100mm WHITE DOTTED LINE 685.11 |
| J4 | 100mm WHITE BROKEN LINE 685.11 |
| K24 | 600mm WHITE STOP BAR 685.11 |
| P | WHITE SYMBOL 685.14 |
| Q | WHITE LETTER 685.13 |

NOTE:
 1. SEE DWG. NO. MST-4 FOR REFERENCE MARKER LOCATIONS, SNOW PLOW MARKER LOCATIONS, AND DELINEATOR LOCATIONS.



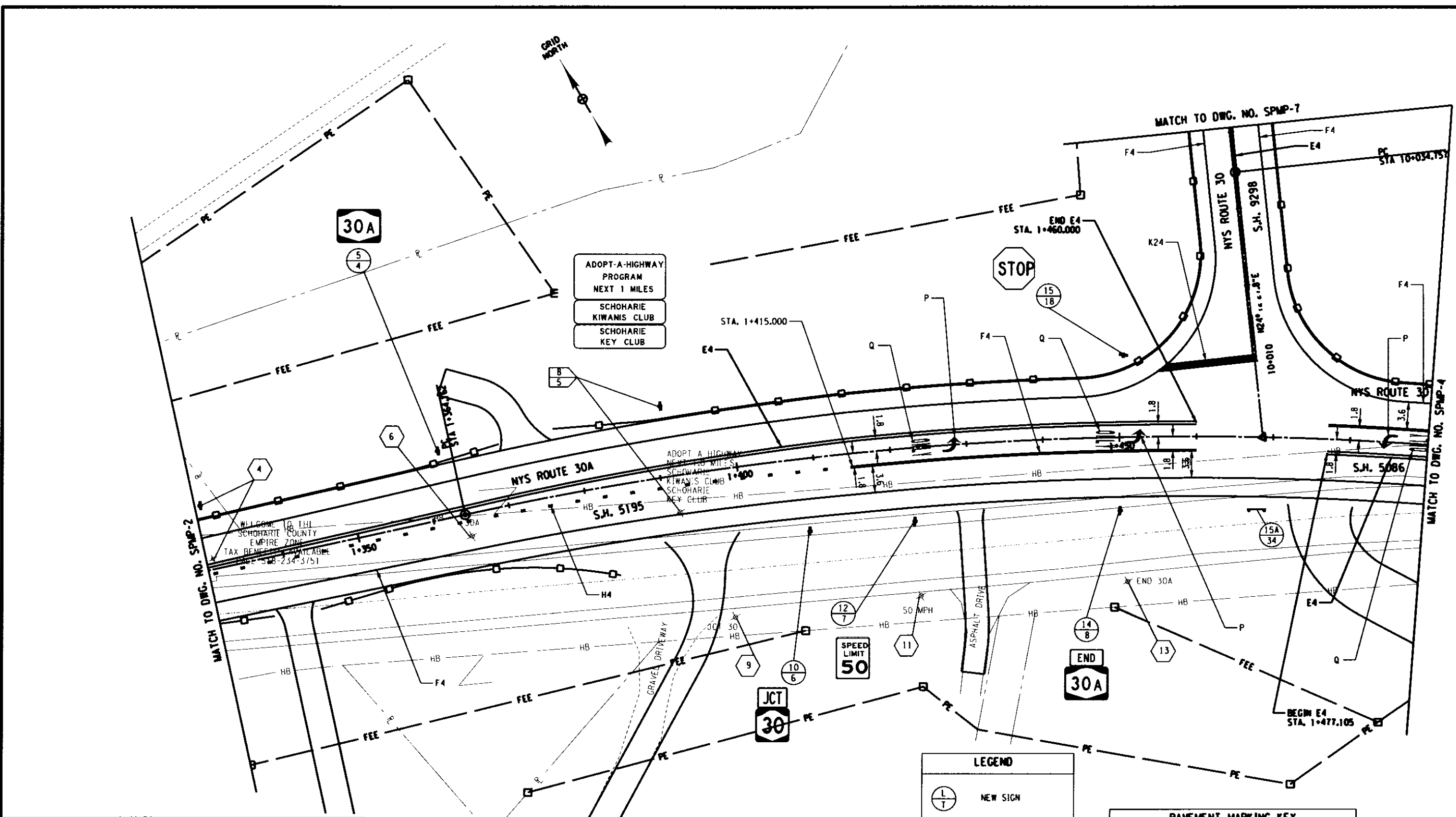
PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:

SIGNATURE _____ DATE _____

| | | | | | | | |
|--|----------------------------------|------------------|---------|----------|--|-------------------------------------|--|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER | |
| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | | |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | ROUTES 30/30A INTERSECTION SIGN & PAVEMENT MARKING PLAN | D261326 | |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | | | |
| | COUNTY: SCHOHARIE COUNTY | | | | S.H. 5195 | DRAWING NO. SPMP-2 SHEET NO. 127 | |
| DOCUMENT NAME: 912505.cph.spmp.02.dgn | | | | | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 |



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 USER = ssnanghyn
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JLM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM



ADOPT-A-HIGHWAY PROGRAM
 NEXT 1 MILES
 SCHOHARIE
 KIWANIS CLUB
 SCHOHARIE
 KEY CLUB

ADOPT A HIGHWAY
 NEXT 1.00 MILES
 SCHOHARIE
 KIWANIS CLUB
 SCHOHARIE
 KEY CLUB

WELCOME TO THE
 SCHOHARIE COUNTY
 EMPIRE ZONE
 TAX BENEFITS AVAILABLE
 518-234-3751

LEGEND

| | |
|--|---------------------------------|
| | NEW SIGN |
| | SIGN REMOVAL |
| | RELOCATE SIGN TO POSITION SHOWN |
| | TO REMAIN |

PAVEMENT MARKING KEY

| CODE | ITEM |
|------|---|
| D4 | 100mm WHITE PARTIAL BARRIER LINE 685.11 |
| E4 | 100mm YELLOW FULL BARRIER LINE 685.12 |
| F4 | 100mm WHITE SOLID LINE 685.11 |
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| J4 | 100mm WHITE BROKEN LINE 685.11 |
| K24 | 600mm WHITE STOP BAR 685.11 |
| P | WHITE SYMBOL 685.14 |
| Q | WHITE LETTER 685.13 |

NOTE:
 1. SEE DWG. NO. MST-4 FOR REFERENCE MARKER LOCATIONS, SNOW PLOW MARKER LOCATIONS, AND DELINEATOR LOCATIONS.

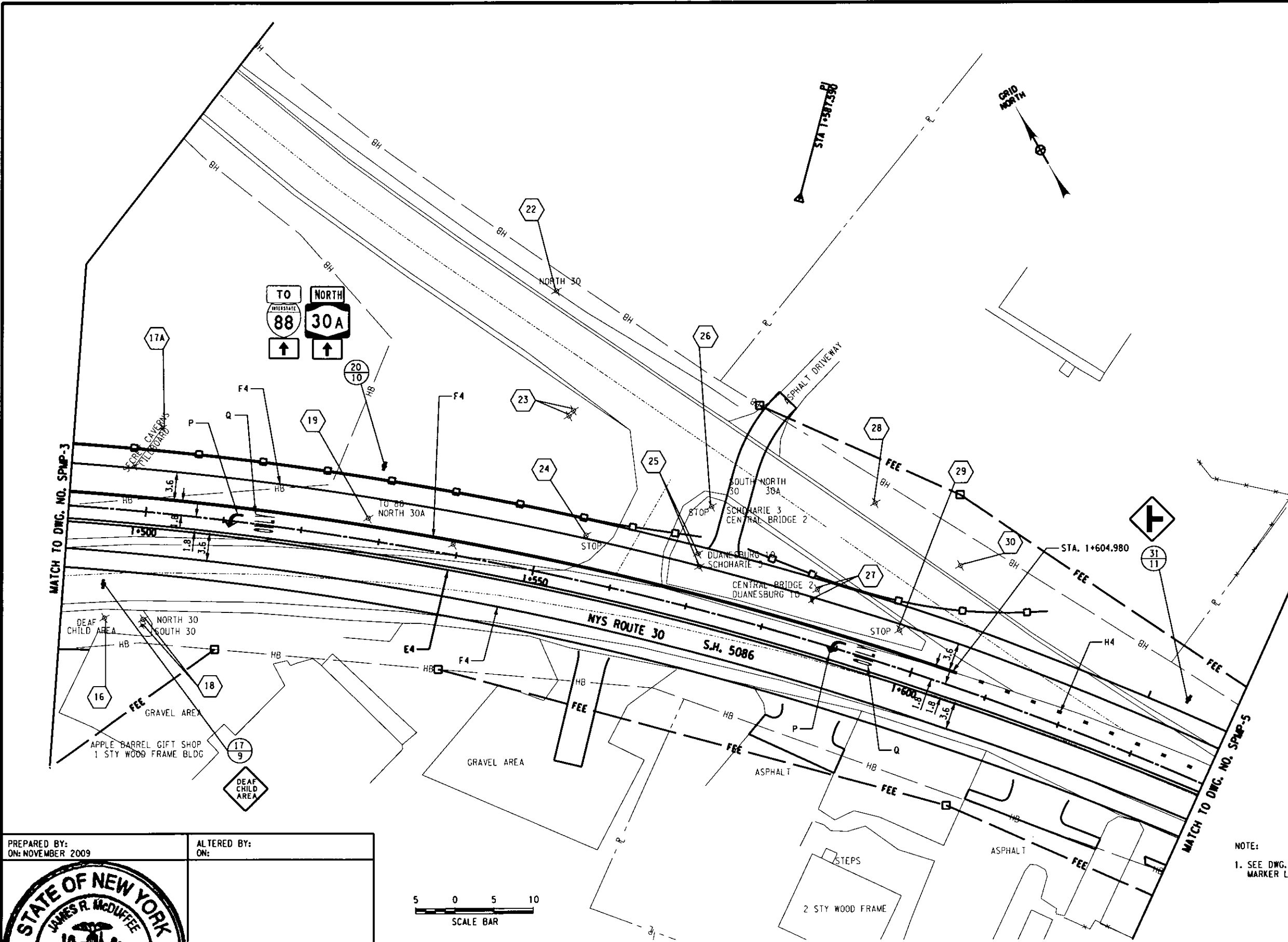


PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:

| | | | | | | | |
|---|---|--|---------|---------------------|--|----------------------------|-------------------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED ROUTES 30/30A INTERSECTION SIGN & PAVEMENT MARKING PLAN S.H. 5086, 5195, & 9298 | CONTRACT NUMBER D261326 | DRAWING NO. SPMP-3 SHEET NO. 128 |
| SIGNATURE _____ | DATE _____ | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | | |



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 USER = ssahyahn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM CHECKED BY: CJM
 JOB MANAGER: JRM CHECKED BY: CJM
 ESTIMATED BY: JRM CHECKED BY: JMW
 DRAFTED BY: JMW CHECKED BY: CJM/JRM



LEGEND

| | |
|--|---------------------------------|
| | NEW SIGN |
| | SIGN REMOVAL |
| | RELOCATE SIGN TO POSITION SHOWN |
| | TO REMAIN |

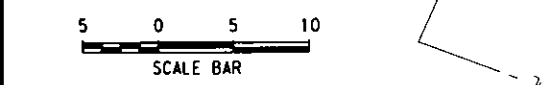
PAVEMENT MARKING KEY

| CODE | ITEM |
|---------------------------------------|--------|
| D4 - 100mm WHITE PARTIAL BARRIER LINE | 685.11 |
| E4 - 100mm YELLOW FULL BARRIER LINE | 685.12 |
| F4 - 100mm WHITE SOLID LINE | 685.11 |
| H4 - 100mm WHITE DOTTED LINE | 685.11 |
| J4 - 100mm WHITE BROKEN LINE | 685.11 |
| K24 - 600mm WHITE STOP BAR | 685.11 |
| P - WHITE SYMBOL | 685.14 |
| Q - WHITE LETTER | 685.13 |

NOTE:
 1. SEE DWG. NO. MST-4 FOR REFERENCE MARKER LOCATIONS, SNOW PLOW MARKER LOCATIONS, AND DELINEATOR LOCATIONS.

PREPARED BY:
 ON: NOVEMBER 2009

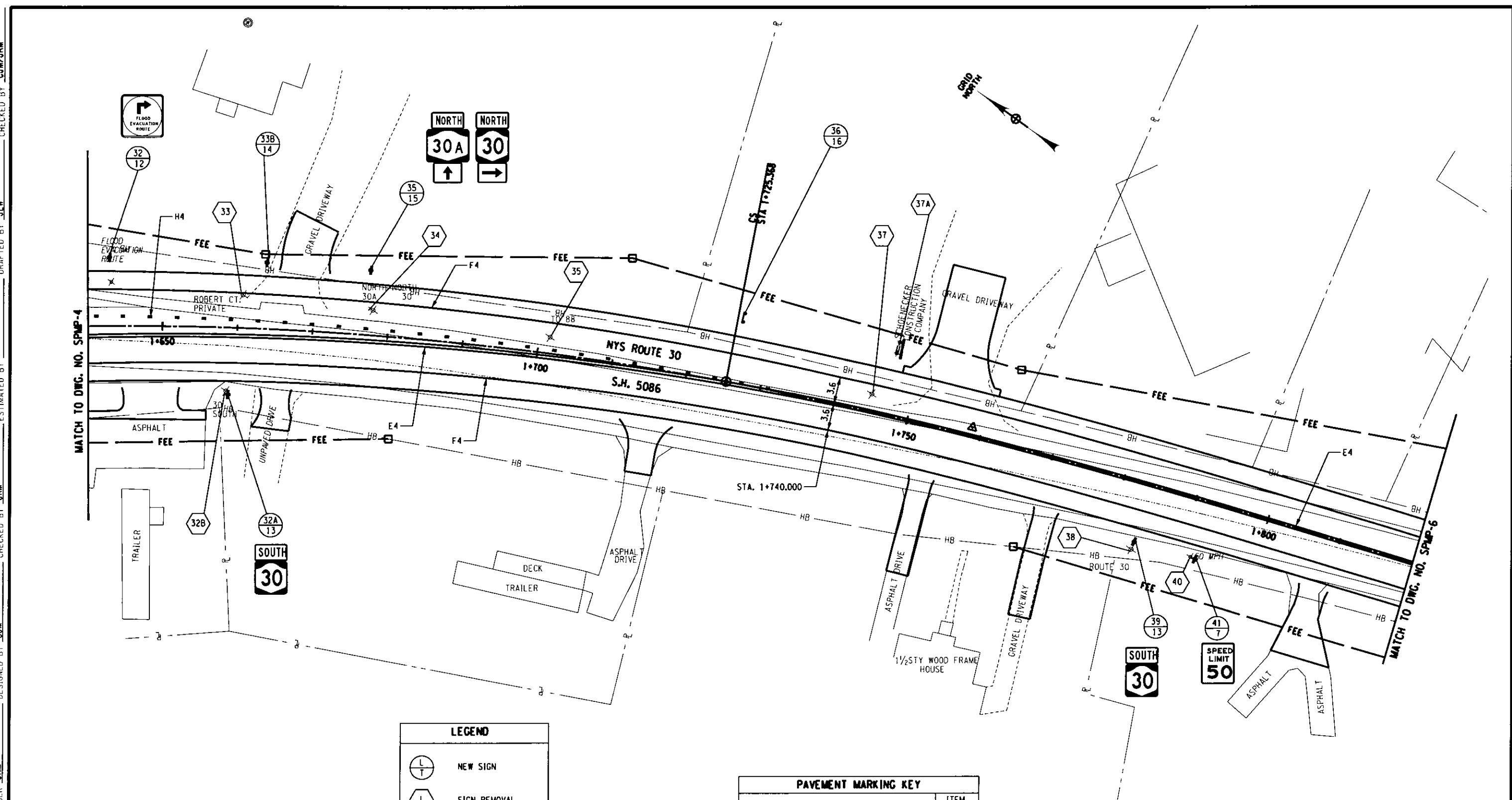
ALTERED BY:
 ON:



| | | | | | | |
|--|----------------------------------|------------------|---------|----------|--|--|
| AS BUILT REVISIONS DESCRIPTION OF WORK: PLAN (N.Y.S. RTE. 30) SIGNATURE _____ DATE _____ | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | DRAWING NO. SPMP-4 SHEET NO. 129 | |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | | |
| COUNTY: SCHOHARIE COUNTY | | | | | S.H. 5086 | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 |

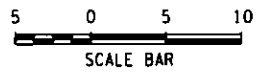


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 DATE/TIME: 11/5/2009 11:30:05 AM
 USER: sssongshygn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, AND THE PROFESSIONAL SEAL OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, IS SHOWN ON THE DRAWING. THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, SHALL BE STAMPED ON THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JLM
 ESTIMATED BY: JRM
 DRAFTED BY: JLM
 CHECKED BY: CJM/JRM



LEGEND

| | |
|--|---------------------------------|
| | NEW SIGN |
| | SIGN REMOVAL |
| | RELOCATE SIGN TO POSITION SHOWN |
| | TO REMAIN |



PAVEMENT MARKING KEY

| ITEM | DESCRIPTION |
|------|----------------------------------|
| D4 | 100mm WHITE PARTIAL BARRIER LINE |
| E4 | 100mm YELLOW FULL BARRIER LINE |
| F4 | 100mm WHITE SOLID LINE |
| H4 | 100mm WHITE DOTTED LINE |
| J4 | 100mm WHITE BROKEN LINE |
| K24 | 600mm WHITE STOP BAR |
| P | WHITE SYMBOL |
| Q | WHITE LETTER |

NOTE:
 1. SEE DWG. NO. MST-4 FOR REFERENCE MARKER LOCATIONS, SNOW PLOW MARKER LOCATIONS, AND DELINEATOR LOCATIONS.

PREPARED BY:
 ON: NOVEMBER 2009

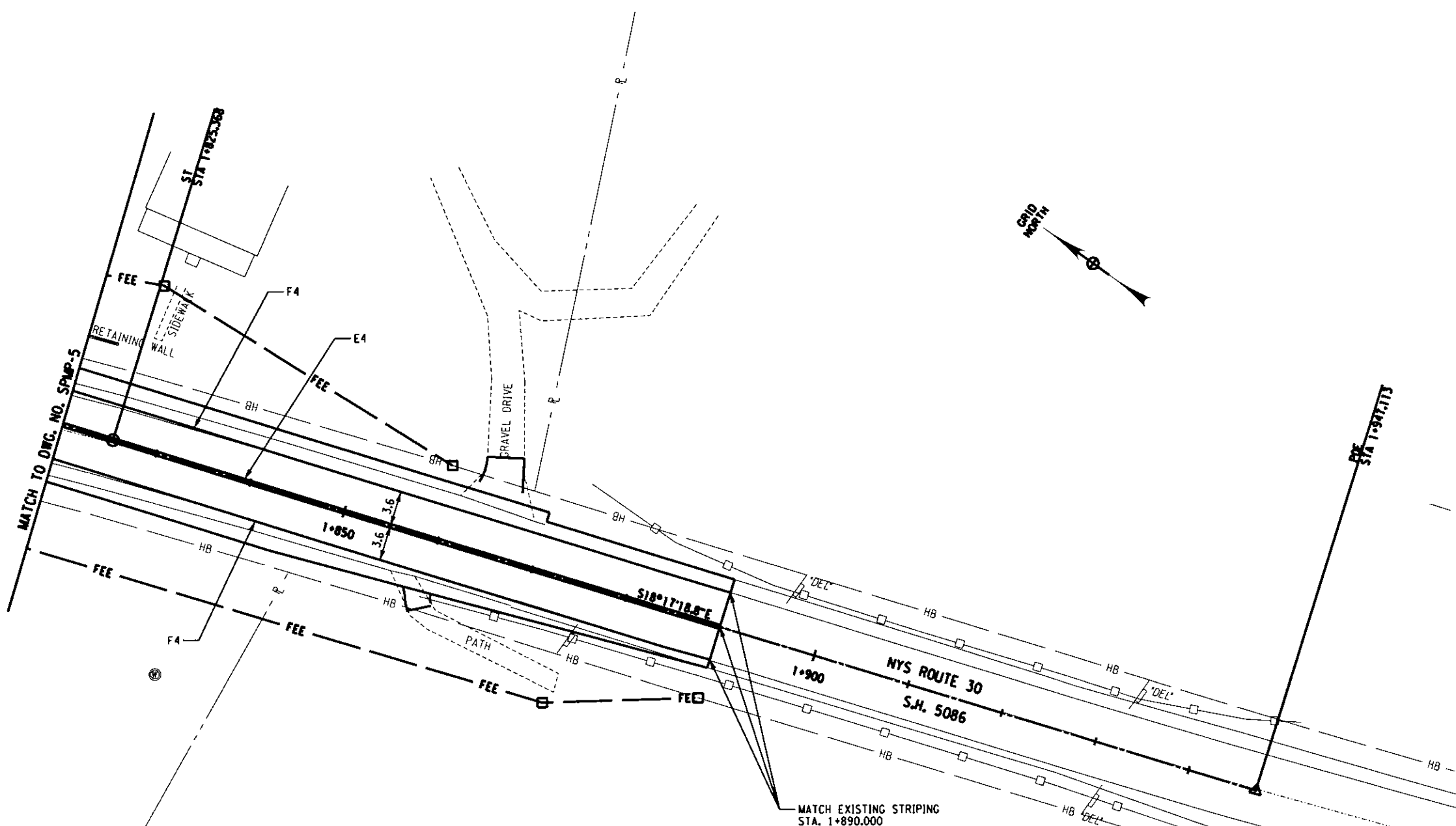
ALTERED BY:
 ON:

SIGNATURE _____ DATE _____

| | | | | | | |
|--|----------------------------------|------------------|---------|----------|--|-------------------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | | |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | DRAWING NO. SPMP-5 SHEET NO. 130 | DRAWING NO. SPMP-5 SHEET NO. 130 |
| | COUNTY: SCHOHARIE COUNTY | | | | | |
| DOCUMENT NAME: 912505.cph.spmp_05.dgn | | | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |



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 USER = ssanyshyn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PROFESSIONAL IS ALTERED THE ALTERING PROFESSIONAL, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 ESTIMATED BY: CJM
 CHECKED BY: CJM/JRM
 CHECKED BY: CJM/JRM



| LEGEND | |
|--------|---------------------------------|
| | NEW SIGN |
| | SIGN REMOVAL |
| | RELOCATE SIGN TO POSITION SHOWN |
| | TO REMAIN |



| PAVEMENT MARKING KEY | |
|---------------------------------------|--------|
| | ITEM |
| D4 - 100mm WHITE PARTIAL BARRIER LINE | 685.11 |
| E4 - 100mm YELLOW FULL BARRIER LINE | 685.12 |
| F4 - 100mm WHITE SOLID LINE | 685.11 |
| H4 - 100mm WHITE DOTTED LINE | 685.11 |
| J4 - 100mm WHITE BROKEN LINE | 685.11 |
| K24 - 600mm WHITE STOP BAR | 685.11 |
| P - WHITE SYMBOL | 685.14 |
| Q - WHITE LETTER | 685.13 |

NOTE:
 1. SEE DWG. NO. MST-4 FOR REFERENCE MARKER LOCATIONS, SNOW PLOW MARKER LOCATIONS, AND DELINEATOR LOCATIONS.

PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:



AS BUILT REVISIONS
 DESCRIPTION OF WORK:

 SIGNATURE

 DATE

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN: 9125.05
 PS&E DATE: NOVEMBER 5, 2009

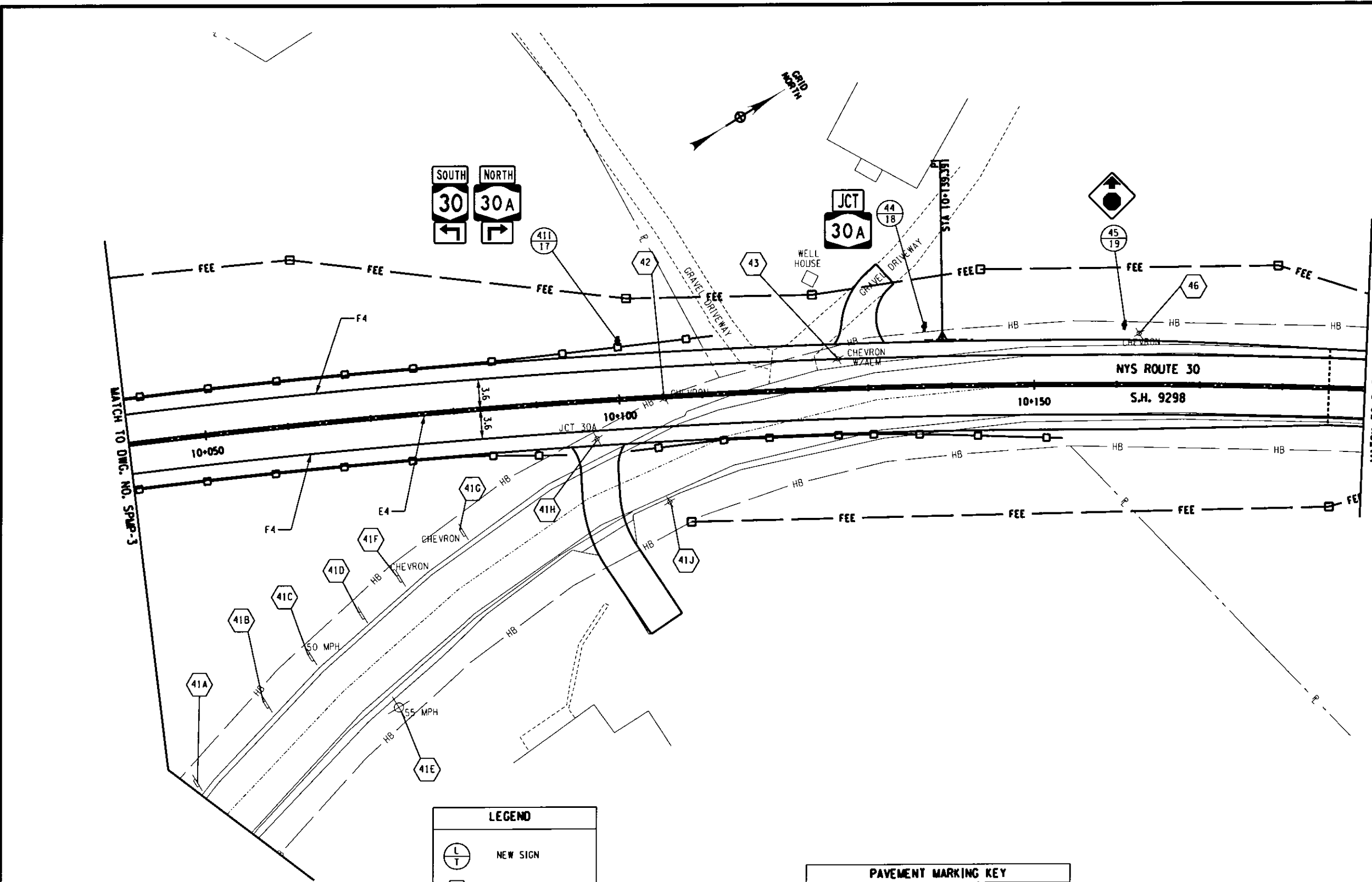
BRIDGES:
 CULVERTS: C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
**ROUTES 30/30A INTERSECTION
 SIGN & PAVEMENT MARKING PLAN**
 S.H. 5086

CONTRACT NUMBER: D261326
 DRAWING NO. SPMP-6
 SHEET NO. 131



FILE NAME = I:\1997\1997\104.003 NY Route 30\Drawings\Highway\plans\912505.cph.spmp.07.dgn
 DATE/TIME = 11/5/2009 11:30:27 AM
 USER = ssoyshyn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: CJM
 CHECKED BY: CJM/JRM

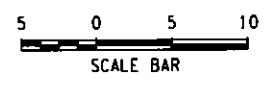


MATCH TO DWG. NO. SPMP-3

MATCH TO DWG. NO. SPMP-8

LEGEND

| | |
|--|---------------------------------|
| | NEW SIGN |
| | SIGN REMOVAL |
| | RELOCATE SIGN TO POSITION SHOWN |
| | TO REMAIN |



PAVEMENT MARKING KEY

| ITEM | DESCRIPTION |
|------|----------------------------------|
| D4 | 100mm WHITE PARTIAL BARRIER LINE |
| E4 | 100mm YELLOW FULL BARRIER LINE |
| F4 | 100mm WHITE SOLID LINE |
| H4 | 100mm WHITE DOTTED LINE |
| J4 | 100mm WHITE BROKEN LINE |
| K24 | 600mm WHITE STOP BAR |
| P | WHITE SYMBOL |
| Q | WHITE LETTER |

NOTE:
 1. SEE DWG. NO. MST-4 FOR REFERENCE MARKER LOCATIONS, SNOW PLOW MARKER LOCATIONS, AND DELINEATOR LOCATIONS.

PREPARED BY:
 ON: NOVEMBER 2009

ALTERED BY:
 ON:

AS BUILT REVISIONS
 DESCRIPTION OF WORK:

SIGNATURE _____ DATE _____

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

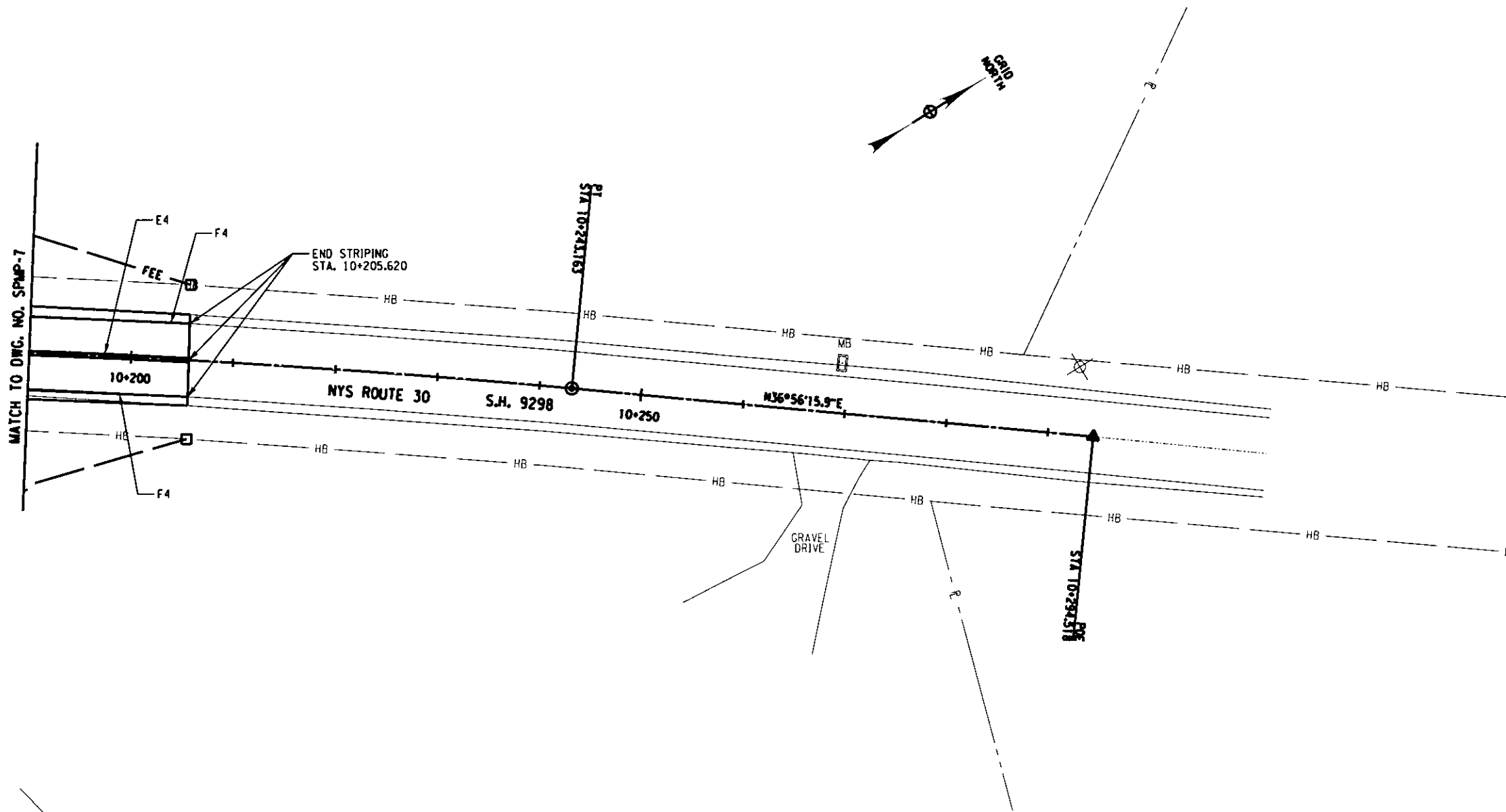
BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED
ROUTES 30/30A INTERSECTION SIGN & PAVEMENT MARKING PLAN
 S.H. 9298



CONTRACT NUMBER: D261326
 DRAWING NO. SPMP-7
 SHEET NO. 132

FILE NAME = T:\1997\1997\104.003 NY Route 30 Intersections\Highway\plans\912505.cph.smp.08.dgn
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 USER = saorighyn
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: CJM
 CHECKED BY: JRM
 ESTIMATED BY: JRM
 DRAFTED BY: JLW
 CHECKED BY: CJM/JRM



| LEGEND | |
|--------|---------------------------------|
| | NEW SIGN |
| | SIGN REMOVAL |
| | RELOCATE SIGN TO POSITION SHOWN |
| | TO REMAIN |



| PAVEMENT MARKING KEY | |
|---------------------------------------|--------|
| | ITEM |
| D4 - 100mm WHITE PARTIAL BARRIER LINE | 685.11 |
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| F4 - 100mm WHITE SOLID LINE | 685.11 |
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| K24 - 600mm WHITE STOP BAR | 685.11 |
| P - WHITE SYMBOL | 685.14 |
| Q - WHITE LETTER | 685.13 |

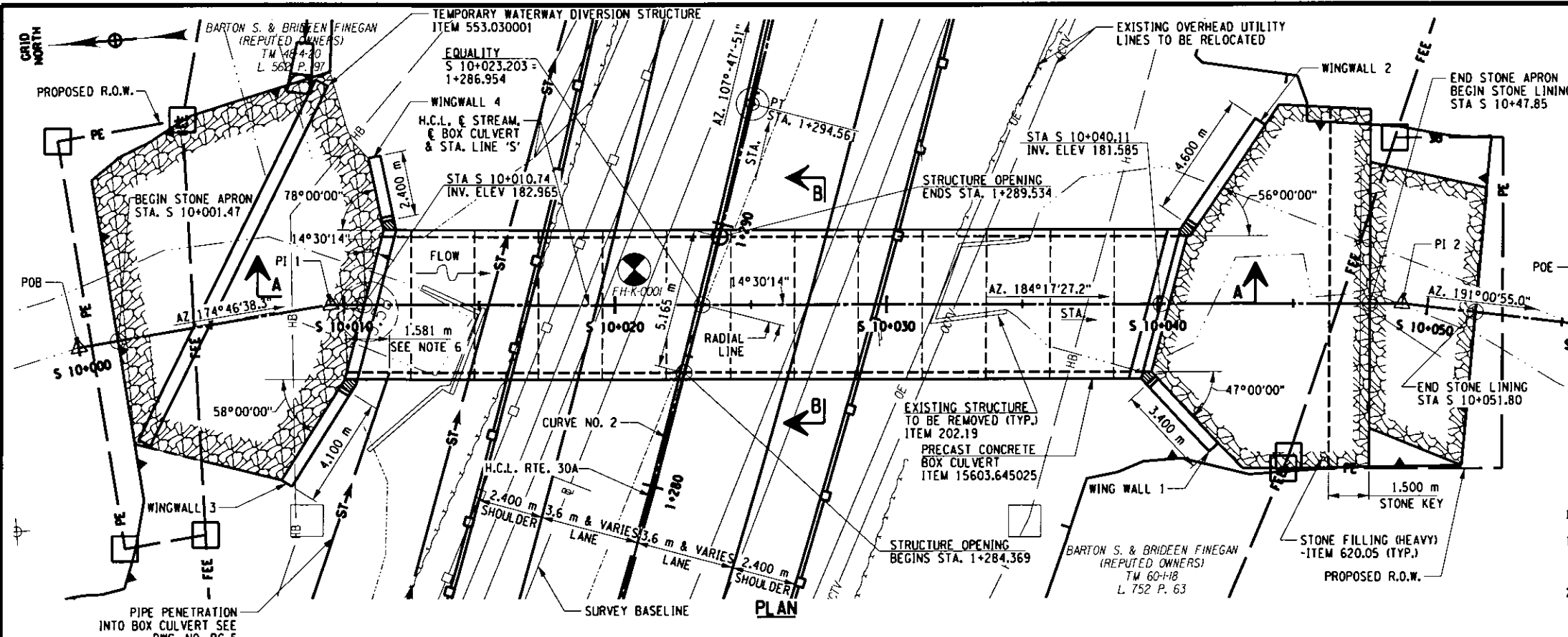
NOTE:
 1. SEE DWG. NO. MST-4 FOR REFERENCE MARKER LOCATIONS, SNOW PLOW MARKER LOCATIONS, AND DELINEATOR LOCATIONS.

| | |
|-----------------------------------|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| | |
| SIGNATURE _____ DATE _____ | |

| | | | | | |
|--|---|---|------------------------------------|--|---|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES CULVERTS C960062 | ALL DIMENSIONS IN m UNLESS OTHERWISE NOTED ROUTES 30/30A INTERSECTION SIGN & PAVEMENT MARKING PLAN S.H. 9298 | CONTRACT NUMBER D261326 DRAWING NO. SPMP-8 SHEET NO. 133 |
| | DOCUMENT NAME: 912505.cph.smp.08.dgn | | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 |



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 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 CHECKED BY: CJM
 ESTIMATED BY: BRT
 DRAFTED BY: BRT
 CHECKED BY: RPJ



| BOX CULVERT DESIGN DATA | |
|---|-------------|
| CLEAR SPAN, m | 5.0 m |
| CLEAR RISE, m | 2.5 m |
| *MIN. FILL HEIGHT, m | 0.430 m |
| *MAX. FILL HEIGHT, m | 4.320 m |
| (@ SKEW) SKEW ANGLE 1 TO @ OF ROADWAY, DEG. | 14°-30'-14" |
| LIVE LOAD | MS23 |
| RAILING / BARRIER TEST LEVEL | N/A |

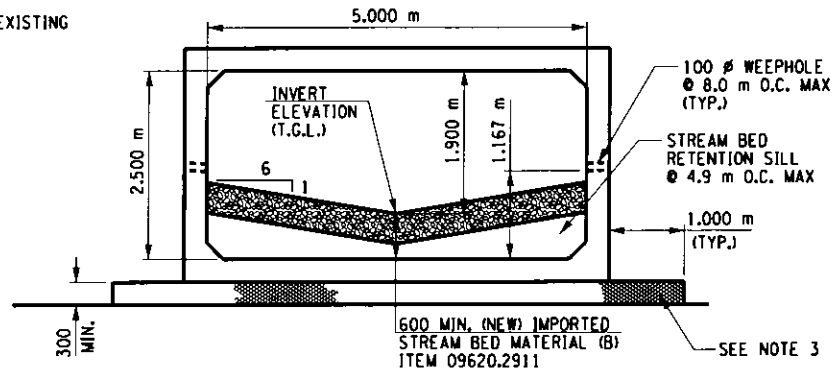
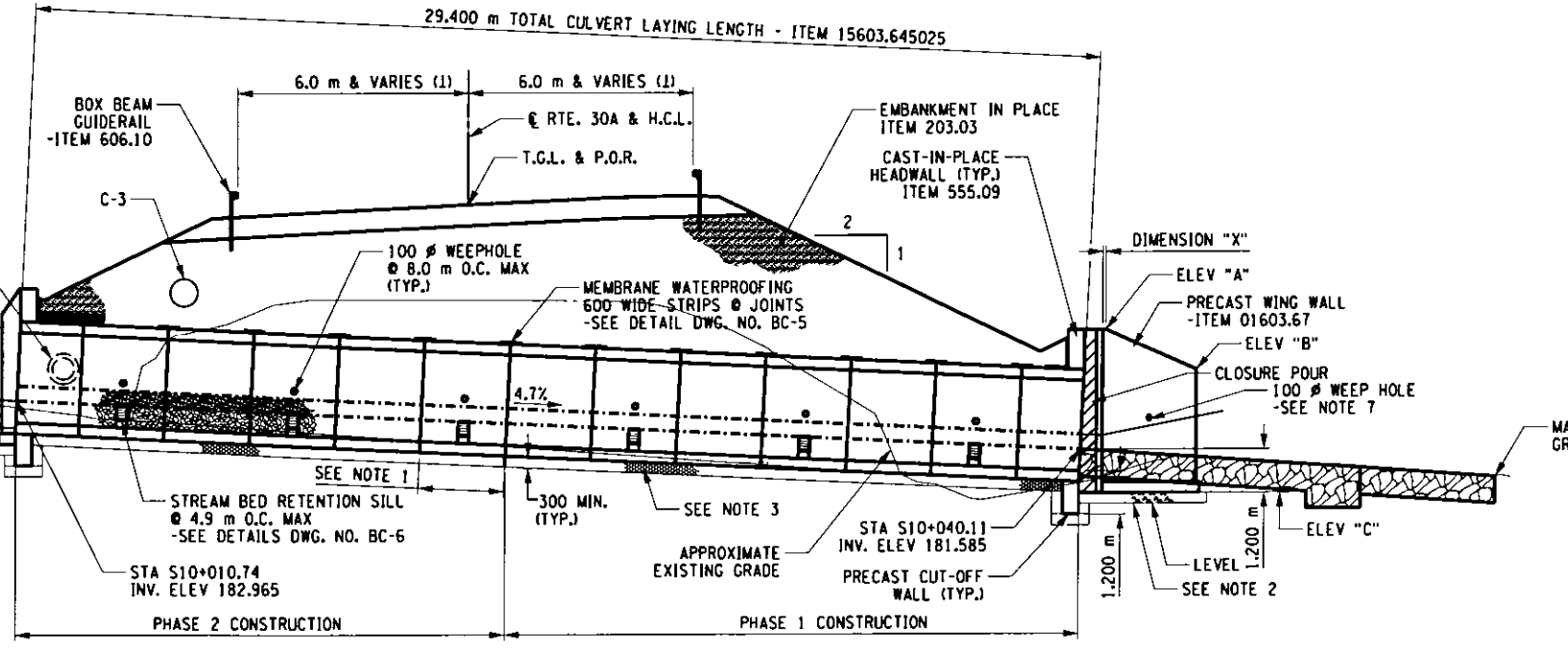
| GEOTECHNICAL WINGWALL DESIGN DATA | |
|--|----------------------|
| ALLOWABLE BEARING CAPACITY, kPa | 200 kPa |
| SOIL UNIT WT., kN/m ³ ABOVE WEEP HOLE ELEV. | 19 kN/m ³ |
| SOIL UNIT WT., kN/m ³ BELOW WEEP HOLE ELEV. | 9 kN/m ³ |
| FRICTION ANGLE, DEG. | 34° |
| COEFFICIENT OF SLIDING FRICTION | 0.45 |

*BASED ON ASSUMED TOP SLAB THICKNESS OF 300 FABRICATOR SHALL ADJUST BASED ON ACTUAL TOP SLAB THICKNESS.)

| HYDRAULIC DATA | | |
|--|-------------|--------------|
| DRAINAGE AREA 3.7 (km ²) | BASIC FLOOD | DESIGN FLOOD |
| RECURRENCY INTERVAL (YEARS) | 100 | 50 |
| PEAK DISCHARGE (CM/S) | 10.59 | 8.61 |
| HIGH POINT WATER ELEVATION AT POINT OF MAX. BACKWATER | (EXISTING) | 185.02 |
| | (PROPOSED) | 184.36 |
| AVE. VELOCITY THRU STRUCTURE @ DESIGN FLOOD = 1.25 M/S | | |

- NOTES:
1. THE LENGTH OF EACH CULVERT SEGMENT SHALL BE DETERMINED BY THE CONTRACTOR. IF STAGED CONSTRUCTION IS EMPLOYED, THE PRECAST BOX CULVERT SEGMENT LENGTH MUST BE COMPATIBLE WITH STAGING REQUIREMENTS.
 2. PRECAST CUT-OFF WALLS AND WINGWALLS SHALL BE PLACED ON A 300 THICK LEVELING BED OF CRUSHED MATERIAL MEETING THE REQUIREMENTS OF MATERIAL DESIGNATION 703-0201, 703-0202 OR 703-0204 WITH A PRIMARY SIZE DESIGNATION OF 2. AFTER PLACING AND LEVELING THE PRECAST UNITS, THE AREAS BENEATH AND BEHIND THE UNITS SHALL BE GROUTED WITH CONTROLLED LOW STRENGTH MATERIAL MEETING THE REQUIREMENTS OF SECTION 204.
 3. PLACE THE CULVERT ON A 300 THICK PAD COMPACTED OF CRUSHED STONE ITEM 623.12 CONSISTING OF A 50/50 MIXTURE OF STONE SIZE DESIGNATION 1 AND STONE SIZE DESIGNATION 2.
 4. DETAILS ON THE DRAWINGS LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS, FOR WHICH NO SCALE IS SHOWN, ARE DRAWN PROPORTIONAL AND ARE FULLY DIMENSIONED. ALL ELEVATIONS ARE SHOWN IN METERS.
 5. DESIGN THE PRECAST WINGWALL FOOTINGS FOR A MAXIMUM ALLOWABLE BEARING PRESSURE OF 200 kPa. USE A COEFFICIENT OF SLIDING OF 0.45. CALCULATE THE ACTIVE EARTH PRESSURE ON THE WINGWALLS USING A SOIL UNIT WEIGHT OF 19 kN/m³ ABOVE WEEP HOLE ELEVATION, A SUBMERGED SOIL UNIT WEIGHT OF 9 kN/m³ BELOW WEEP HOLE ELEVATION, AND A FRICTION ANGLE OF 34 DEGREES.
 6. PIPE LOCATION MEASURED ALONG INSIDE FACE OF BOX CULVERT
 7. WEEP HOLES IN WINGWALLS TO BE CENTERED HORIZONTALLY, SEE WINGWALL TABLE FOR INVERT ELEVATIONS.

| H.C.L. STREAM | | | |
|---------------|------------|------------|------------|
| LOCATION | STATION | NORTHING | EASTING |
| POB | 10+000.000 | 429492.252 | 166073.025 |
| PI 1 | 10+009.501 | 429482.790 | 166073.889 |
| PI 2 | 10+049.053 | 429443.350 | 166070.931 |
| POE | 10+056.246 | 429436.289 | 166069.556 |



| WINGWALL DATA | | | | | |
|---------------|-------------|-------------|-------------|---------------|------------------|
| LOCATION | ELEVATION A | ELEVATION B | ELEVATION C | DIMENSION "X" | WEEP HOLE INVERT |
| WINGWALL 1 | 184.900 m | 183.420 m | 180.385 m | 0.150 m | 182.700 m |
| WINGWALL 2 | 184.900 m | 183.790 m | 180.385 m | 0.150 m | 182.550 m |
| WINGWALL 3 | 186.000 m | 185.420 m | 181.765 m | 0.150 m | 184.400 m |
| WINGWALL 4 | 186.000 m | 185.360 m | 181.765 m | 0.150 m | 184.350 m |

DIMENSION "X" MEASURED ALONG FRONT FACE OF WINGWALL.

PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:

STATE OF NEW YORK
 JAMES R. McDUFFEE
 LICENSED PROFESSIONAL ENGINEER
 069508

SECTION A-A

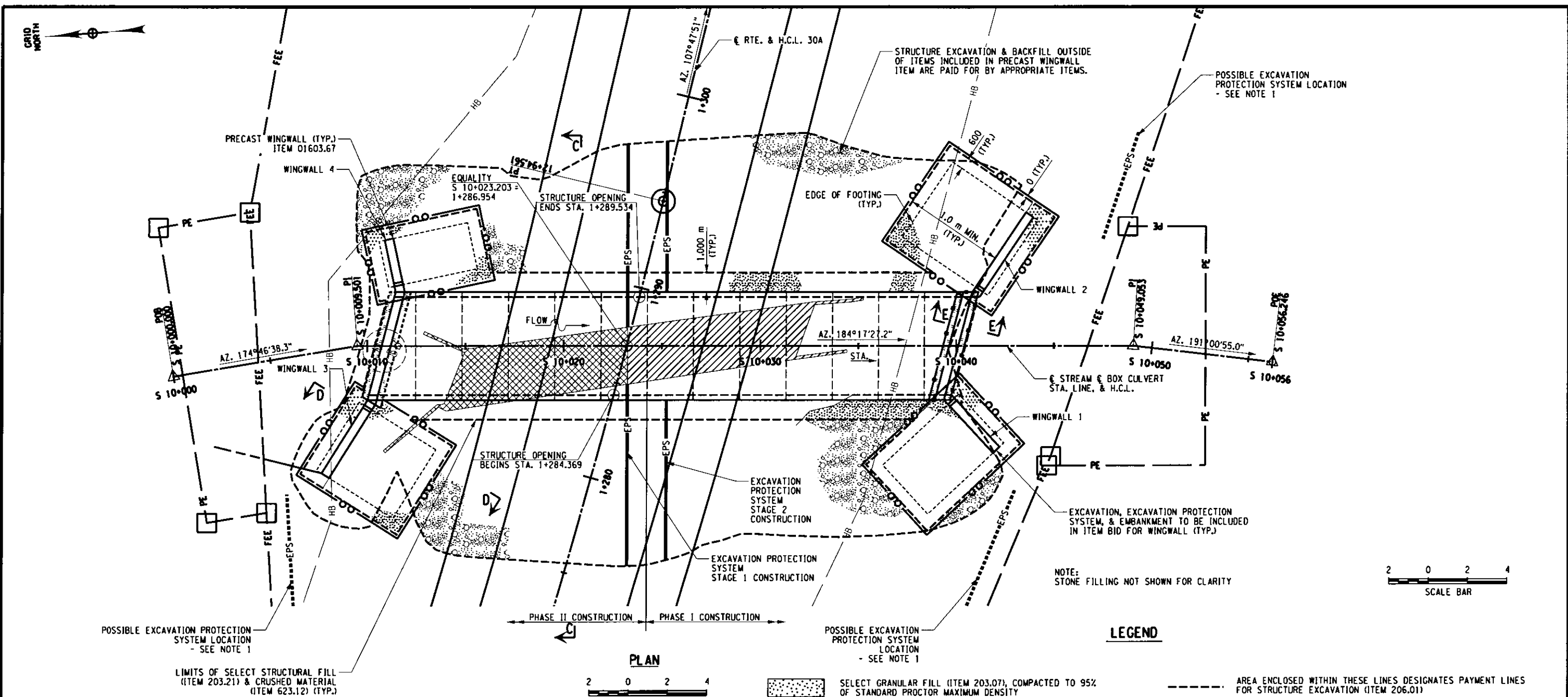
SCALE BAR

AS BUILT REVISIONS DESCRIPTION OF WORK:

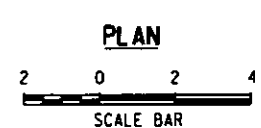
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| HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED | CONTRACT NUMBER D261326 |
| PRECAST BOX CULVERT GENERAL PLAN AND SECTIONS C960062 S.H. 5195 | | | | DRAWING NO. BC-1 SHEET NO. 140 | |
| NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | | |

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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: RPJ
 CHECKED BY: BRT
 ESTIMATED BY: RPJ
 DRAFTED BY: BRT
 CHECKED BY: RPJ

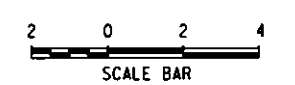


NOTES:
 1. USE OF EXCAVATION PROTECTION SYSTEM MAY BE REQUIRED FOR WINGWALL EXCAVATION TO KEEP WITHIN RIGHT-OF-WAY LIMITS. IF REQUIRED, THE COST OF THE EXCAVATION PROTECTION SYSTEM SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 01603.67 AND SHALL MEET ALL REQUIREMENTS OF ITEM 552.16.
 2. FOR SECTIONS C-C, D-D, E-E SEE SH. BC-3.



- LEGEND
- SELECT GRANULAR FILL (ITEM 203.07), COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY
 - HIGHWAY EMBANKMENT MATERIAL
 - BACKFILL WITH SUITABLE EXCAVATED MATERIAL AS PROVIDED FOR UNDER ITEM 206.01, STRUCTURE EXCAVATION OR 206.02 (TRENCH & CULVERT EXCAVATION)
 - CRUSHED MATERIAL MEETING THE REQUIREMENTS OF MATERIAL DESIGNATION 703-0201, 703-0202 OR 703-0204 WITH A PRIMARY SIZE DESIGNATION OF 2 - ITEM 623.12
 - CRUSHED MATERIAL MEETING THE REQUIREMENTS OF MATERIAL DESIGNATION 703-0201, 703-0202 OR 703-0204 CONSISTING OF A 50/50 MIXTURE OF STONE SIZE DESIGNATION 1 & STONE SIZE DESIGNATION 2
 - CONTROLLED LOW STRENGTH MATERIAL (CLSM) MEETING THE REQUIREMENTS OF SECTION 204. CLSM SHALL BE DESIGNED SO THAT IT FLOWS INTO THE VOIDS OF THE CRUSHED MATERIAL AND SETS UP SUFFICIENTLY WITHIN 24 HOURS TO ALLOW PLACEMENT OF ADDITIONAL MATERIAL. COST TO BE INCLUDED IN PRECAST ITEMS.

- AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES FOR STRUCTURE EXCAVATION (ITEM 206.01)
- AREA ENCLOSED WITHIN THESE LINES DESIGNATES PAYMENT LINES TRENCH & CULVERT EXCAVATION (ITEM 206.02)
- WITHIN THESE LINES, EXCAVATE IN ACCORDANCE WITH ITEM 206.01 STRUCTURE EXCAVATION AND BACKFILL IN ACCORDANCE WITH ITEM 203.07 SELECT GRANULAR FILL, ITEM 206.01 SUITABLE EXCAVATED MATERIAL AND CRUSHED MATERIAL MEETING THE REQUIREMENTS OF MATERIAL DESIGNATION 703-0201, 703-0202 OR 703-0204 WITH A PRIMARY SIZE DESIGNATION OF 2. FOR PRECAST WINGWALLS ALL THESE ITEMS ARE INCLUDED IN THE PRICE BID FOR THE WINGWALL ITEM.
- REMOVAL OF SUBSTRUCTURES (ITEM 202.19) - PHASE 1
- REMOVAL OF SUBSTRUCTURES (ITEM 202.19) - PHASE II



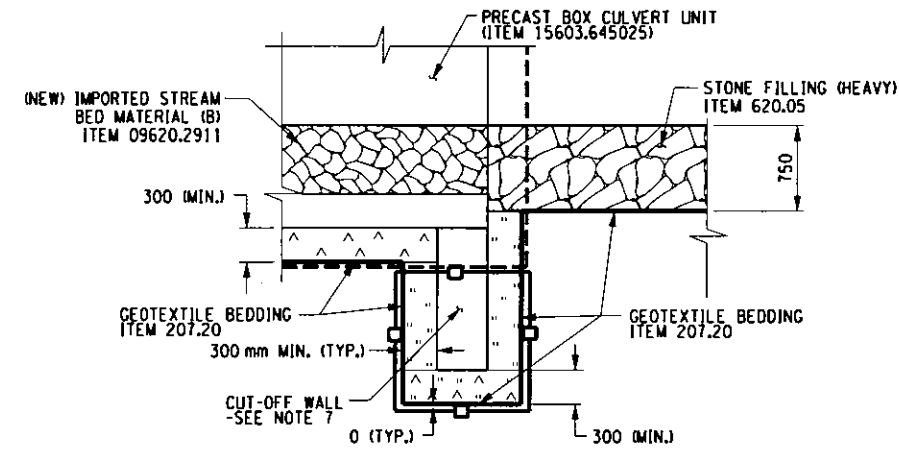
PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

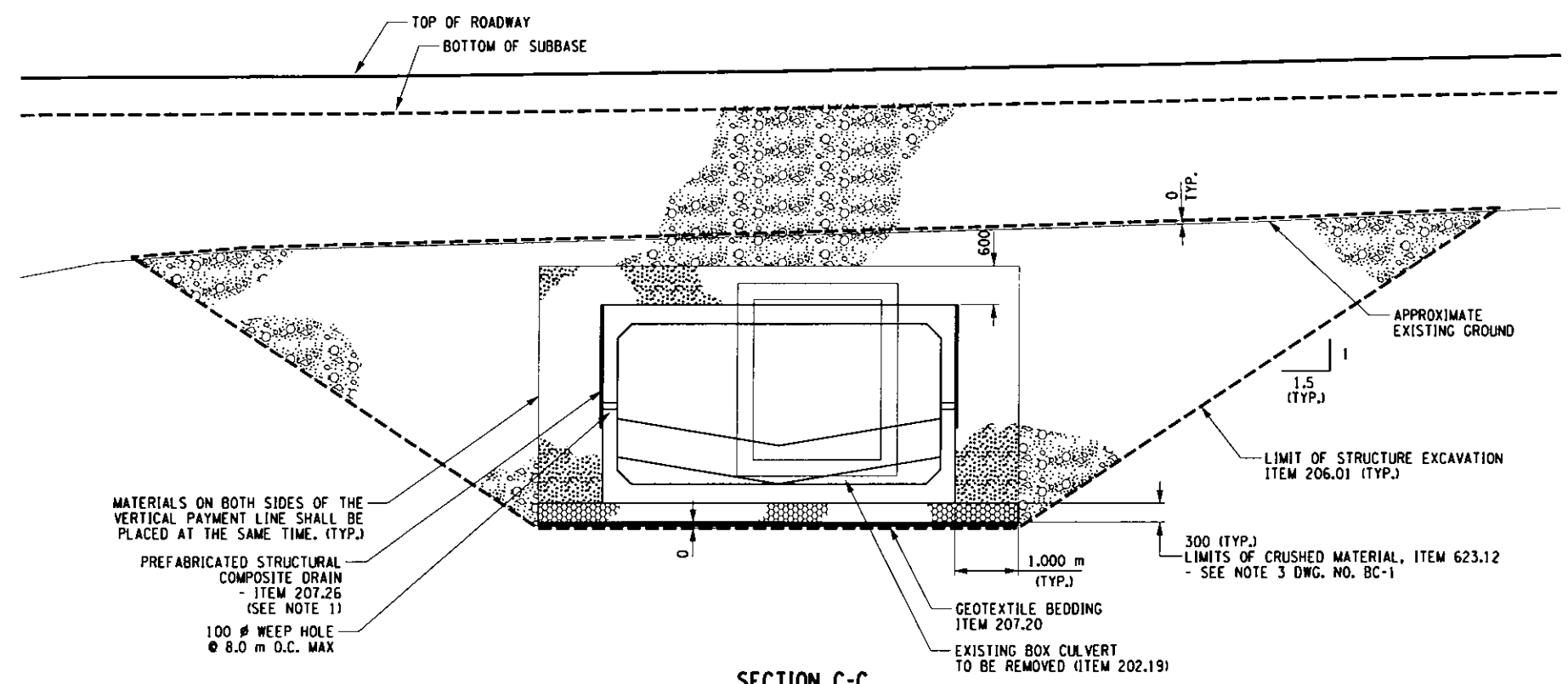
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| | NYS ROUTES 30/30A & 30/443 | | | | | | |
| S.H. 5444, 5086, 5195 & 9298 | | PS&E DATE NOVEMBER 5, 2009 | | DRAWING NO. BC-2 SHEET NO. 141 | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |
| TOWN OF SCHOHARIE | | COUNTY: SCHOHARIE COUNTY | | C960062 S.H. 5195 | | | |
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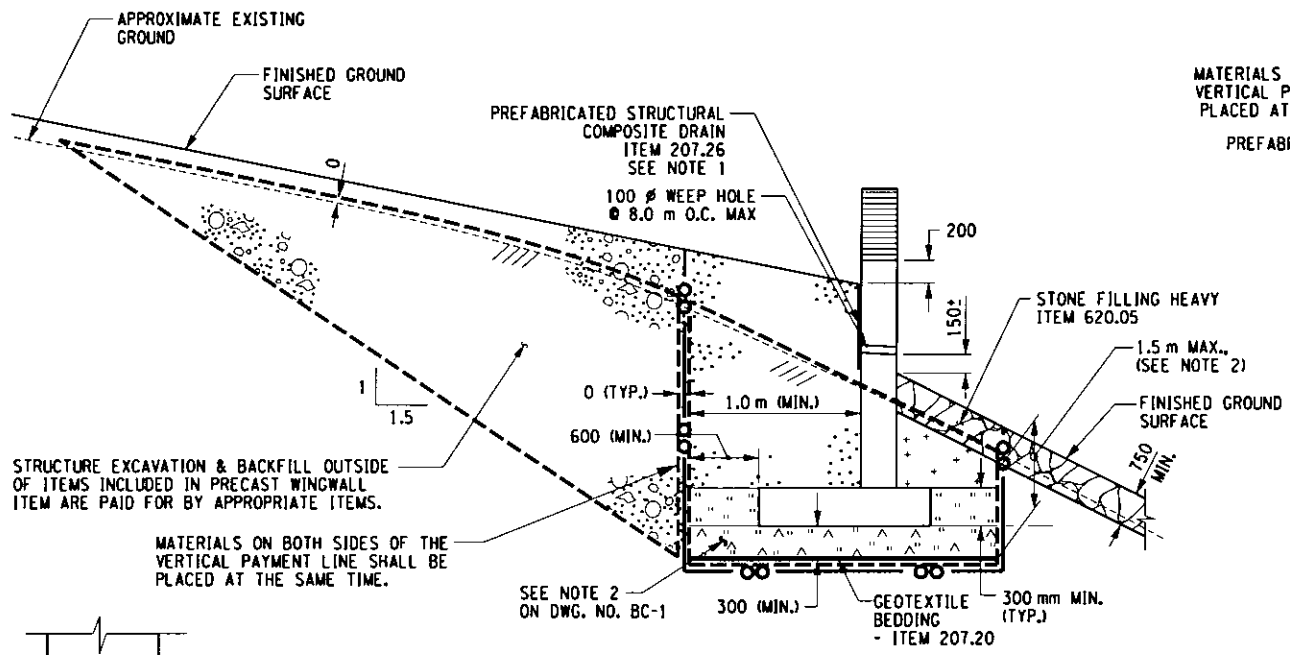
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 USER = ssonyghn
 DESIGN SUPERVISOR - JRM
 JOB MANAGER - JRM
 IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED. THE ALTERING ENGINEER, ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION ALTERED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
 CHECKED BY - RPJ
 DRAFTED BY - BRT
 ESTIMATED BY - BRT
 DESIGNED BY - RPJ



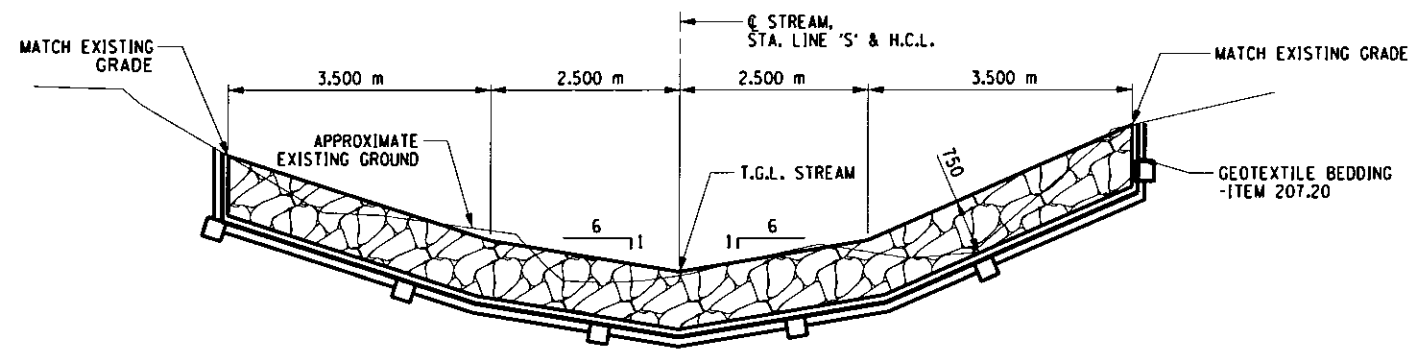
SECTION E-E
NOT TO SCALE



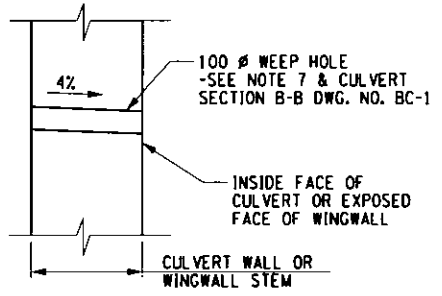
SECTION C-C
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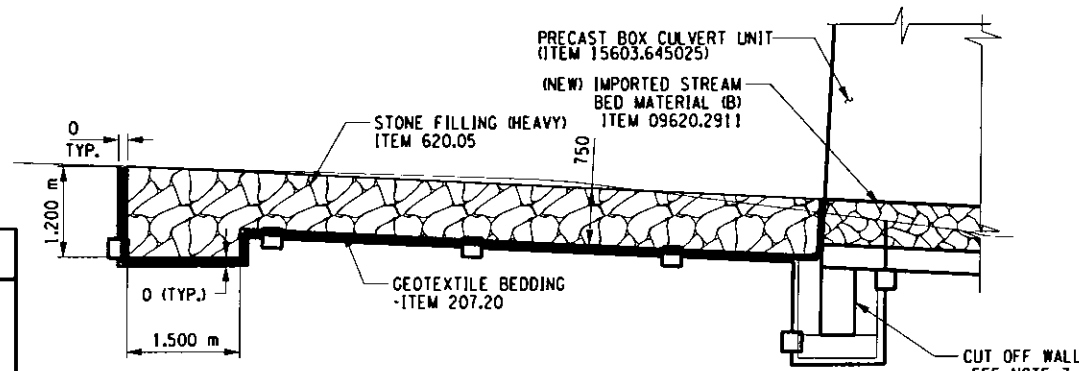
SECTION D-D
NOT TO SCALE



STREAM SECTION
NOT TO SCALE



TYPICAL WEEP HOLE DETAIL
NOT TO SCALE



STONE APRON SECTION
NOT TO SCALE

NOTE: INLET APRON SHOWN OUTLET APRON SIMILAR.

NOTES:

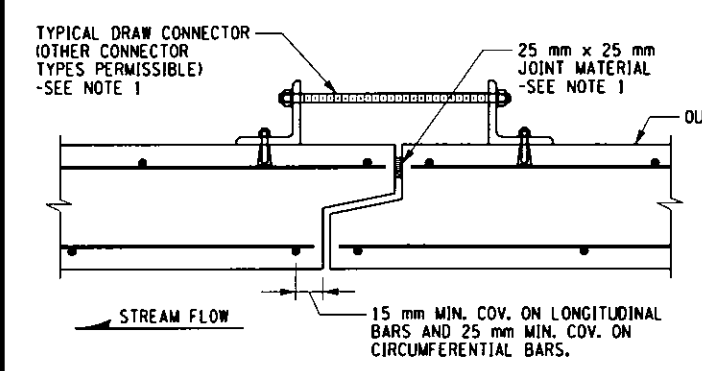
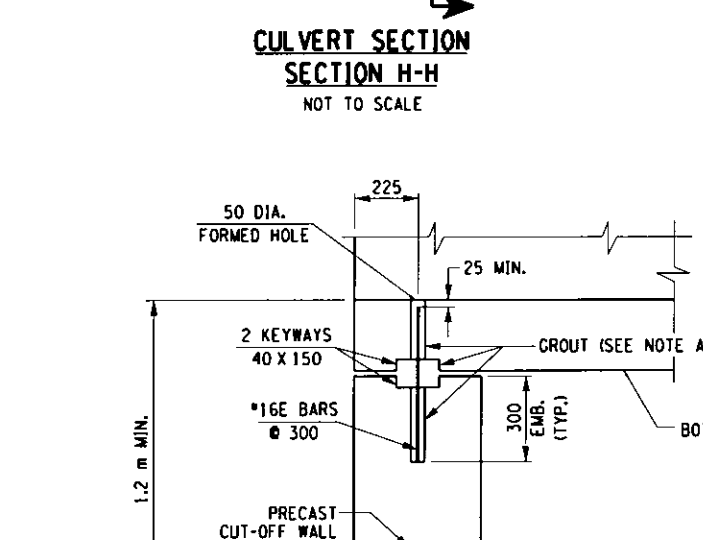
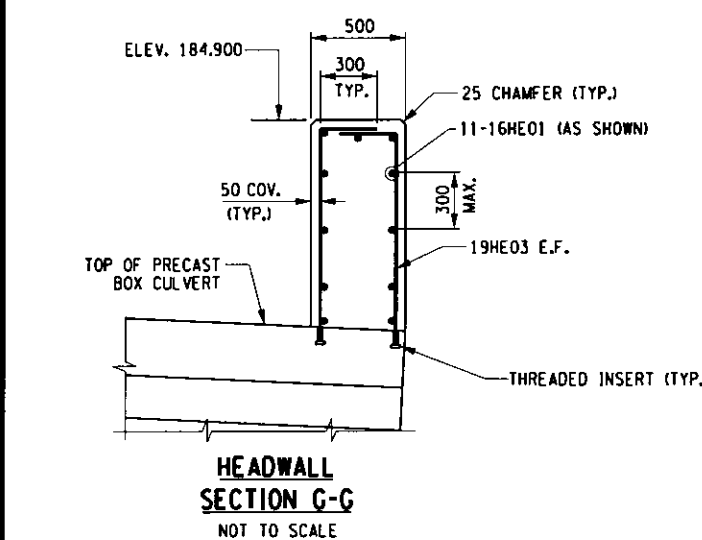
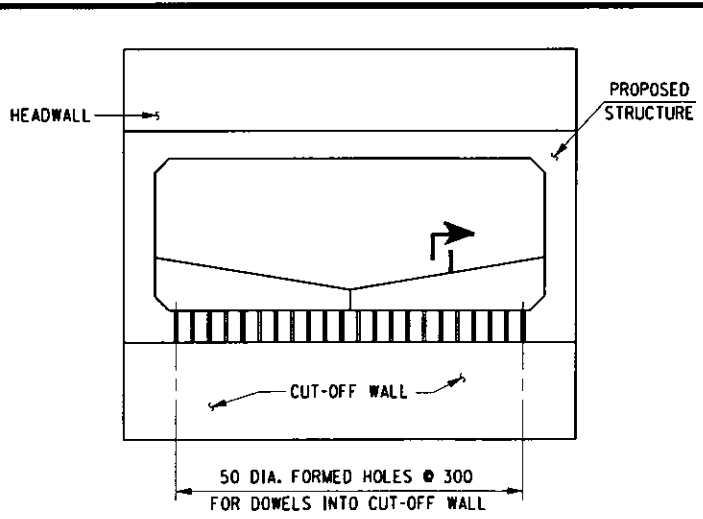
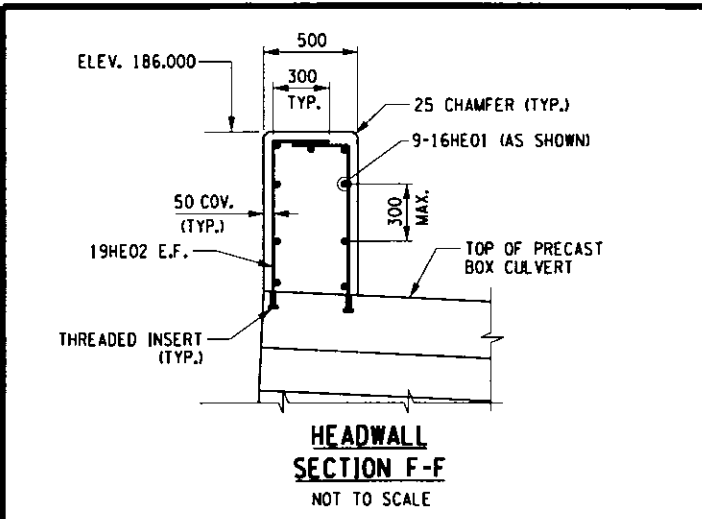
- IF THE WEEP HOLES ARE WITHIN 1.2m OF THE TOP OF FOOTING EXTEND THE PREFABRICATED STRUCTURAL COMPOSITE DRAIN TO THE TOP OF FOOTING, OTHERWISE STOP THE DRAIN 300 BELOW THE WEEP HOLE INVERT ELEVATION.
- FOR STRUCTURE EXCAVATION OVER 1.5 m DEEP USE A LAYBACK SLOPE OF 1 V TO 1.5 H FROM THE BOTTOM OF EXCAVATION OR OTHER EXCAVATION PROTECTION PROVISIONS.
- GEOTEXTILE BEDDING SHALL MEET THE MATERIAL REQUIREMENTS OF SPECIFICATION GEOTEXTILE STRUCTURE TYPE 737.0103 OR TYPE 737.0106 AND BEDDING CLASS B.
- DETAILS ON THE DRAWINGS LABELED AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS, FOR WHICH NO SCALE IS SHOWN, ARE DRAWN PROPORTIONAL AND ARE FULLY DIMENSIONED.
- FOR LEGEND SEE DWG. NO. BC-2
- FOR LOCATION OF SECTIONS C-C, D-D, AND E-E, SEE DWG. NO. BC-2
- COST OF FURNISHING AND INSTALLING PRECAST CUT-OFF WALLS SHALL BE INCLUDED IN THE PRICE BID FOR PRECAST BOX CULVERT ITEM. PRECAST CONCRETE SHALL MEET THE REQUIREMENTS OF THE SPECIFICATION SECTION 706-17.
- EXCAVATION BELOW PLANNED FOOTING OR CRUSHED STONE ELEVATION WILL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. BACKFILL OF UNAUTHORIZED ELEVATIONS BELOW OR BEYOND PAYMENT LINES WILL BE AT THE CONTRACTOR'S EXPENSE. BACKFILL MATERIAL WILL BE AS DIRECTED BY THE ENGINEER.

PREPARED BY:
ON: NOVEMBER 2009

ALTERED BY:
ON:

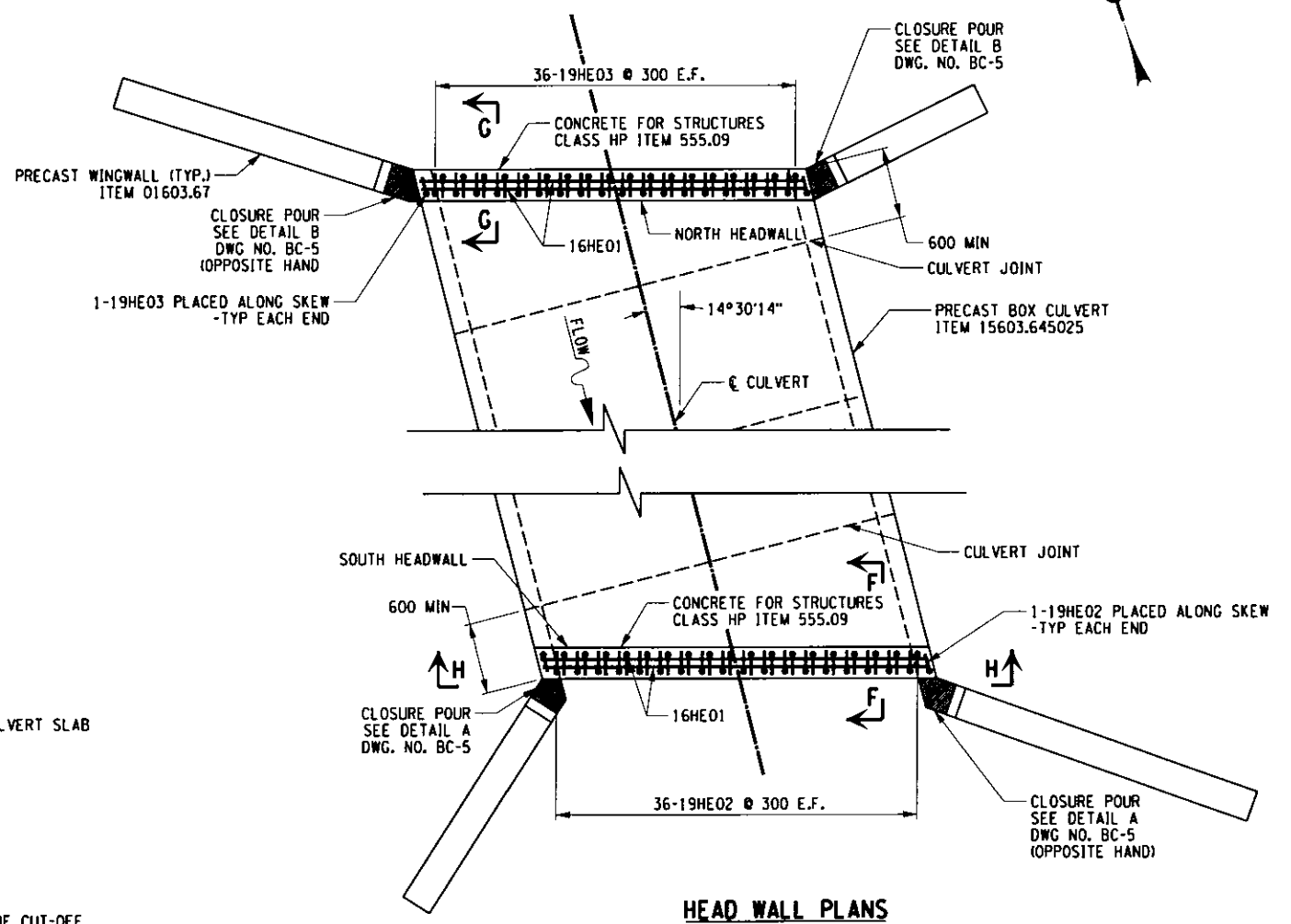
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| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT | PIN | BRIDGES | CULVERTS | ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED | CONTRACT NUMBER |
| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | |
| SIGNATURE | TOWN OF SCHOHARIE | PS&E DATE | | | EXCAVATION DETAILS | |
| DATE | COUNTY: SCHOHARIE COUNTY | NOVEMBER 5, 2009 | | | C960062 S.H. 5195 | DRAWING NO. BC-3 SHEET NO. 142 |
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 CHECKED BY: BRT



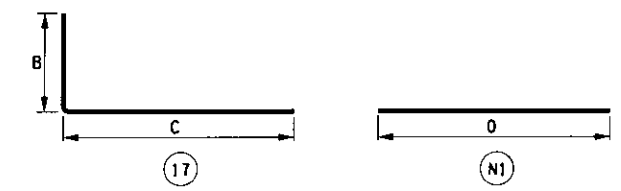
NOTE "A":
 DOWEL BARS USED TO ATTACH THE CUT-OFF WALL TO THE BOX CULVERT SHALL BE DRILLED AND GROUTED PER THE REQUIREMENTS OF STANDARD SPECIFICATION § 586 EXCEPT THE GROUT SHALL MEET THE REQUIREMENTS OF § 701-06. THE KEYWAY SHALL BE GROUTED WITH THE SAME MATERIAL AS THE DOWELS. WHEN THE GRADE OF THE BOX EXCEEDS 5%, THE TOP OF THE CUT-OFF WALL SHOULD BE BEVELED TO MATCH THE GRADE. SEE NOTE 1

- NOTES:
1. COST FOR FURNISHING AND INSTALLING DRAW CONNECTORS, JOINT MATERIAL, DOWELS, AND GROUT MATERIAL SHALL BE INCLUDED IN PRICE BID FOR ITEM 15603.645025
 2. (E) DENOTES EPOXY COATED
 3. THE DIMENSIONS FOR THE BAR REINFORCEMENT SHOWN IN THE SCHEDULE ARE BASED ON AN ASSUMED TOP SLAB THICKNESS OF 300 AND AN ASSUMED WALL THICKNESS OF 254. IF THE THICKNESSES DETERMINED BY THE CONTRACTOR'S ENGINEER VARY FROM THE ASSUMED THICKNESSES, THE CONTRACTOR SHALL ADJUST THE BAR DIMENSIONS AS NECESSARY BEFORE FABRICATION. ADJUSTMENTS SHALL BE AT NO ADDITIONAL COST TO THE STATE. THE 'B' DIMENSION INCLUDES 27 FOR THREAD ENGAGEMENT.



| CONCRETE TABLE | |
|----------------|--------------------|
| LOCATION | ITEM 555.09 (CM) |
| NORTH HEADWALL | 2.5 m ³ |
| SOUTH HEADWALL | 3.2 m ³ |

| EPOXY COATED BAR REINFORCEMENT SCHEDULE (SEE NOTE 3) | | | | | | | | | | | | | | | | | | | | | |
|--|-----|--------|------|--------|---|------|-----|---|---|---|---|---|----|----|---|---|----|----|---|---|------|
| MARK | NO. | LENGTH | TYPE | WEIGHT | A | B | C | D | E | F | G | H | H1 | H2 | J | K | K1 | K2 | L | O | R |
| CAST-IN-PLACE HEADWALLS | | | | | | | | | | | | | | | | | | | | | |
| 16HE01 | 20 | 5586 | N1 | 174 | | | | | | | | | | | | | | | | | 5586 |
| 19HE02 | 38 | 1112 | 17 | 95 | | 812 | 300 | | | | | | | | | | | | | | |
| 19HE03 | 38 | 1371 | 17 | 117 | | 1071 | 300 | | | | | | | | | | | | | | |
| TOTAL EPOXY COATED BARS = 387 kg (ITEM 556.0202) | | | | | | | | | | | | | | | | | | | | | |



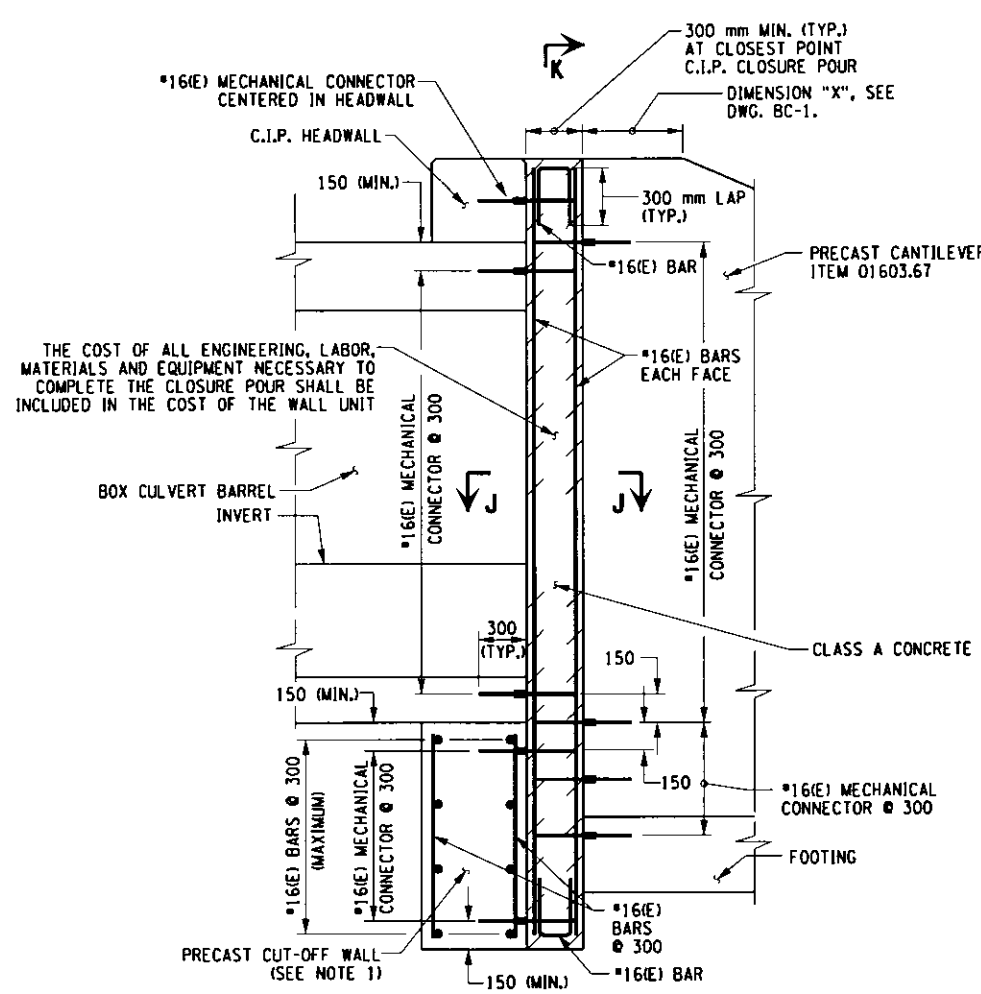
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 ON: NOVEMBER 2009

ALTERED BY:
 ON:

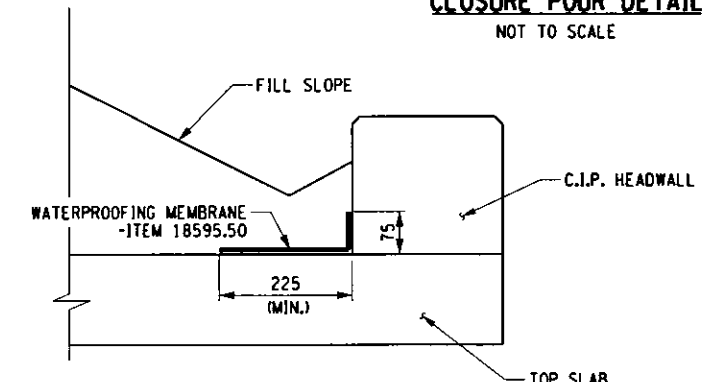
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| | NYS ROUTES 30/30A & 30/443 | 9125.05 | | C960062 | | D261326 |
| | S.H. 5444, 5086, 5195 & 9298 | PS&E DATE | | | PRECAST BOX CULVERT MISCELLANEOUS DETAILS C960062 S.H. 5195 | DRAWING NO. BC-4 |
| | TOWN OF SCHOHARIE | NOVEMBER 5, 2009 | | | | SHEET NO. 143 |
| SIGNATURE | DATE | COUNTY: SCHOHARIE COUNTY | | | NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | |

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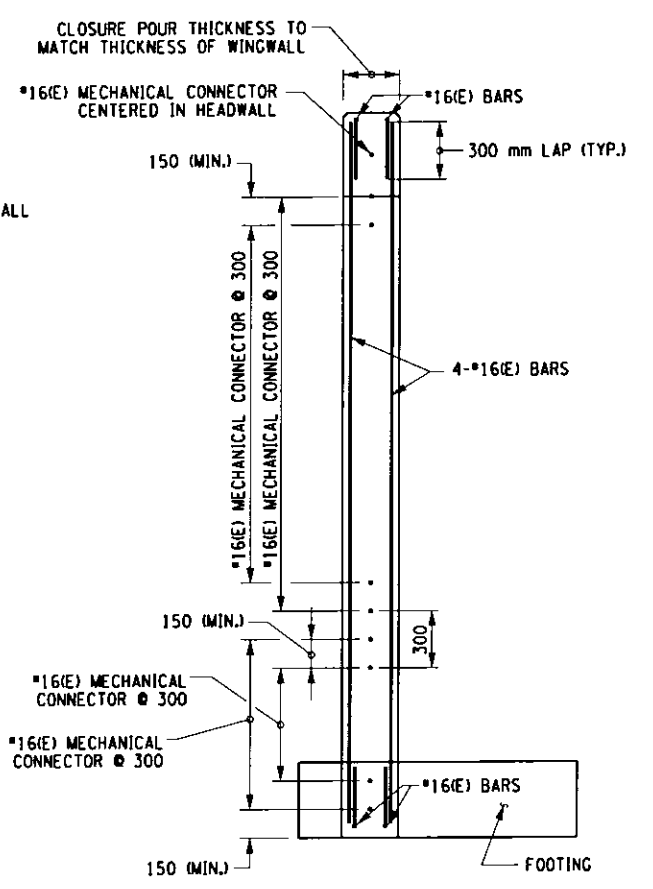
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 JOB MANAGER - JRM
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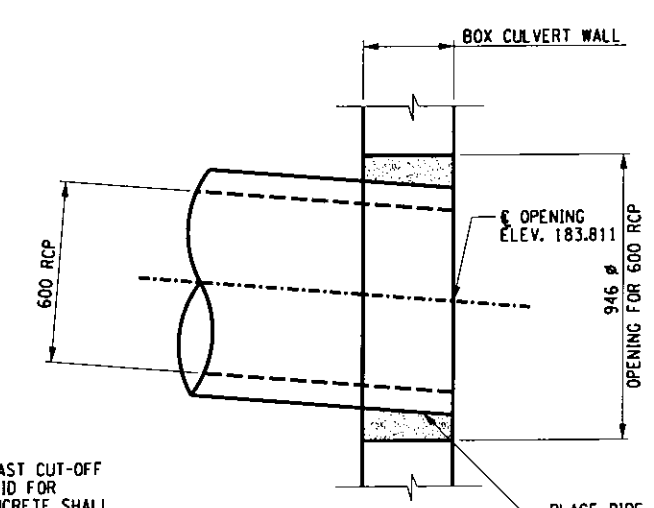
CLOSURE POUR DETAIL
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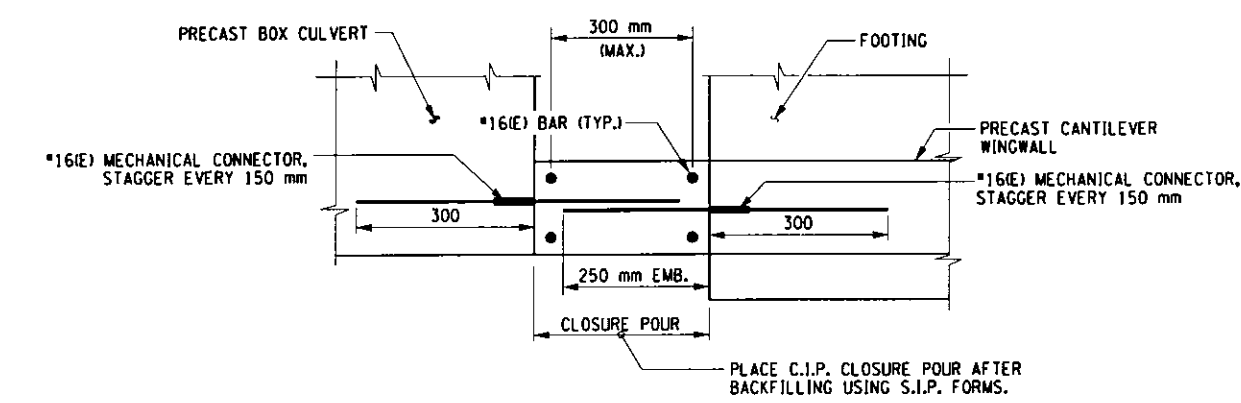
SECTION D-D WATERPROOFING MEMBRANE AT HEADWALL
NOT TO SCALE



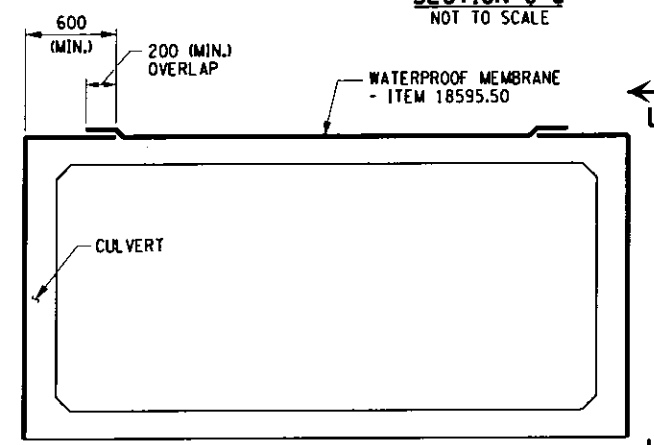
SECTION K-K CLOSURE POUR REINFORCEMENT SECTION
NOT TO SCALE



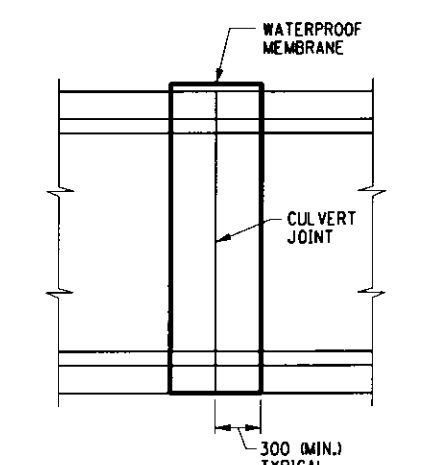
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SECTION J-J
NOT TO SCALE



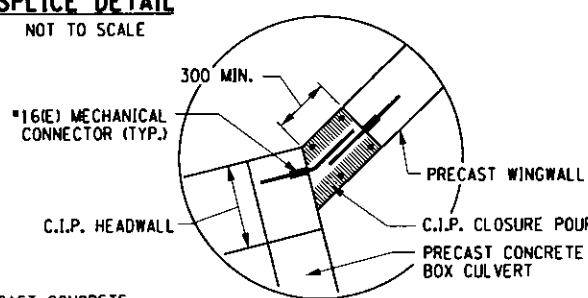
CULVERT SECTION



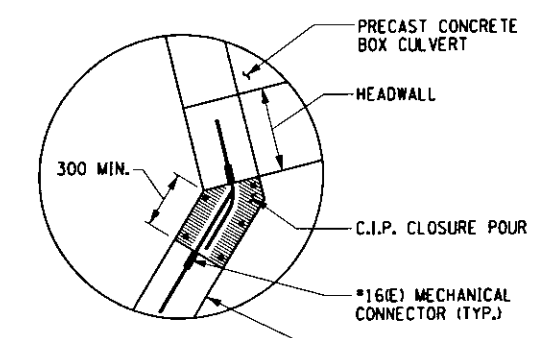
SECTION L-L

NOTE: WHEN SPLICES ARE REQUIRED IN THE WATERPROOF MEMBRANE, LOCATE AS SHOWN.

WATERPROOF MEMBRANE SPLICE DETAIL
NOT TO SCALE



DETAIL "B"
NOT TO SCALE



DETAIL "A"
NOT TO SCALE

- NOTE:
- COST OF FURNISHING AND INSTALLING PRECAST CUT-OFF WALLS SHALL BE INCLUDED IN THE PRICE BID FOR PRECAST BOX CULVERT ITEM. PRECAST CONCRETE SHALL MEET THE REQUIREMENTS OF THE SPECIFICATION SECTION 706-17.
 - FOR LOCATION OF DETAILS A & B SEE DWG. NO. BC-4.
 - GROUT SHALL CONFORM TO SPECIFICATION SECTION 701-05. INCLUDE COST FOR MATERIAL AND INSTALLATION IN PRICE BID FOR IEM 15603.645025

PREPARED BY: ON: NOVEMBER 2009
 ALTERED BY: ON:

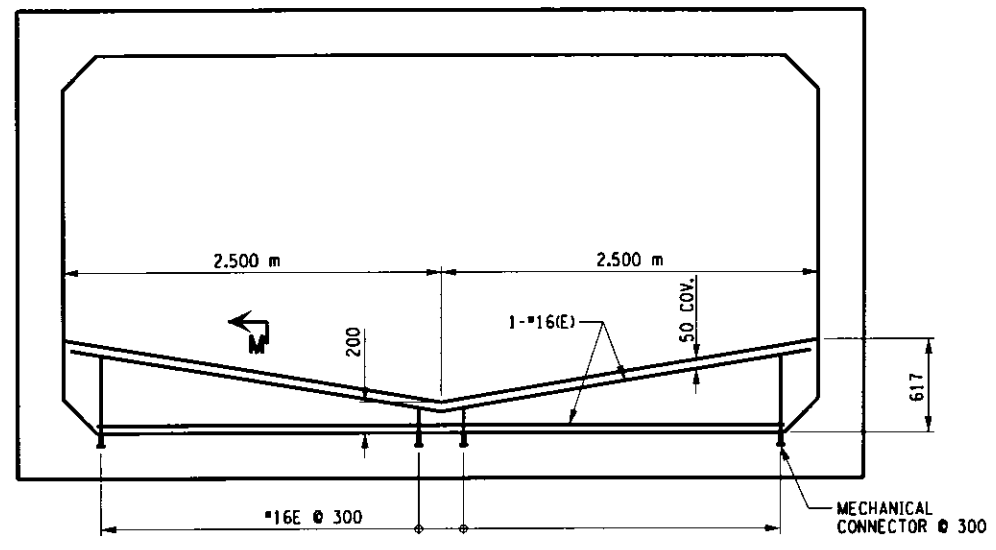


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|--|---|---|---------|---------------------|---|----------------------------|
| AS BUILT REVISIONS DESCRIPTION OF WORK: | HIGHWAY INTERSECTION IMPROVEMENT NYS ROUTES 30/30A & 30/443 S.H. 5444, 5086, 5195 & 9298 TOWN OF SCHOHARIE COUNTY: SCHOHARIE COUNTY | PIN 9125.05 PS&E DATE NOVEMBER 5, 2009 | BRIDGES | CULVERTS C960062 | ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED | CONTRACT NUMBER D261326 |
| SIGNATURE | DATE | PRECAST BOX CULVERT CLOSURE POUR & MISCELLANEOUS DETAILS C960062 S.H. 5195 | | | DRAWING NO. BC-5 SHEET NO. 144 | |
| NEW YORK STATE DEPARTMENT OF TRANSPORTATION REGION 9 | | | | | | |

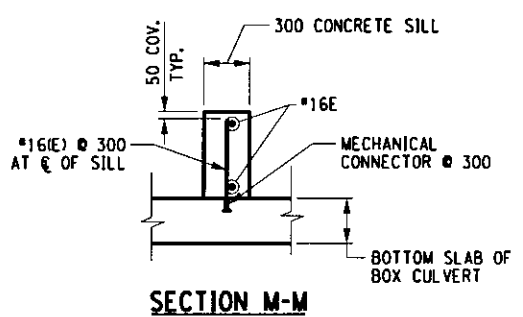


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 DESIGN SUPERVISOR: JRM
 JOB MANAGER: JRM
 DESIGNED BY: RPJ
 CHECKED BY: BRT
 ESTIMATED BY: BRT
 DRAFTED BY: BRT
 CHECKED BY: RPJ



← M
TRANSVERSE SECTION



SECTION M-M

NOTE:
 COST FOR STREAM BED RETENTION SILLS SHALL
 BE INCLUDED IN PRICE BID FOR PRECAST
 CONCRETE BOX CULVERT ITEM

STREAM BED RETENTION SILL DETAIL
 NOT TO SCALE

| | |
|-----------------------------------|--------------------|
| PREPARED BY: ON: NOVEMBER 2009 | ALTERED BY: ON: |
| | |
| SIGNATURE _____ DATE _____ | |

AS BUILT REVISIONS
 DESCRIPTION OF WORK:

HIGHWAY INTERSECTION IMPROVEMENT
 NYS ROUTES 30/30A & 30/443
 S.H. 5444, 5086, 5195 & 9298
 TOWN OF SCHOHARIE
 COUNTY: SCHOHARIE COUNTY

PIN 9125.05
 PS&E DATE NOVEMBER 5, 2009

BRIDGES
 CULVERTS C960062

ALL DIMENSIONS IN mm UNLESS OTHERWISE NOTED
**PRECAST BOX CULVERT
 RETENTION SILL DETAILS**
 C960062
 S.H. 5195

CONTRACT NUMBER D261326
 DRAWING NO. BC-6
 SHEET NO. 145

