

SYRACUSE DIVISION
PLANS FOR THE
MILL & INLAY, 1R SAFETY IMPROVEMENTS
AND MISCELLANEOUS WORK

BETWEEN MILEPOST 233.5 AND 240.9

IN
ONEIDA COUNTY

98 SHEETS

TAS 06-38

D213584

RECORD PLANS

TYPE OF CONSTRUCTION

MILL AND INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK.

STANDARD SHEETS:

M203-1, M203-2, M203-4R1, M203-5, M209-1, M209-2,
M209-3, M209-4, M209-5, M209-6, M209-7, M603-1R1,
M603-3R1, M604-5R1, M604-6R1, M604-7, M604-8R1,
M606-3, M606-4, M606-5R1, M606-6, M606-7, M606-8R3,
M606-9R2, M606-10R2, M606-12, M606-14, M606-15R1,
M606-16R1, M606-18, M606-19, M606-21, M606-25,
M606-50, M606-51, M607-2, M607-11R1, M608-8, M609-3R1,
M619-3R1, M619-8, M645-52, M645-55, M645-72,
M655-10R2, M655-11R1, M655-12, M655-13R1, M655-8R2.

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE GOVERNED BY
AND IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF
TRANSPORTATIONS "STANDARD SPECIFICATIONS METRIC" ADOPTED JANUARY 2,
2002 EXCEPT AS MODIFIED IN THESE PLANS AND BY THE PROPOSAL.

NOTES:

WARNING: IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR
ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED
PROFESSIONAL ENGINEER, TO ALTER AN ITEM ON THESE PLANS IN ANY WAY.
IF ALTERATIONS TO THESE PLANS ARE REQUIRED, THE ALTERATIONS SHALL
BE MADE IN ACCORDANCE WITH ARTICLE 145 - SUBSECTION 7209 OF THE
NEW YORK STATE EDUCATION LAW.

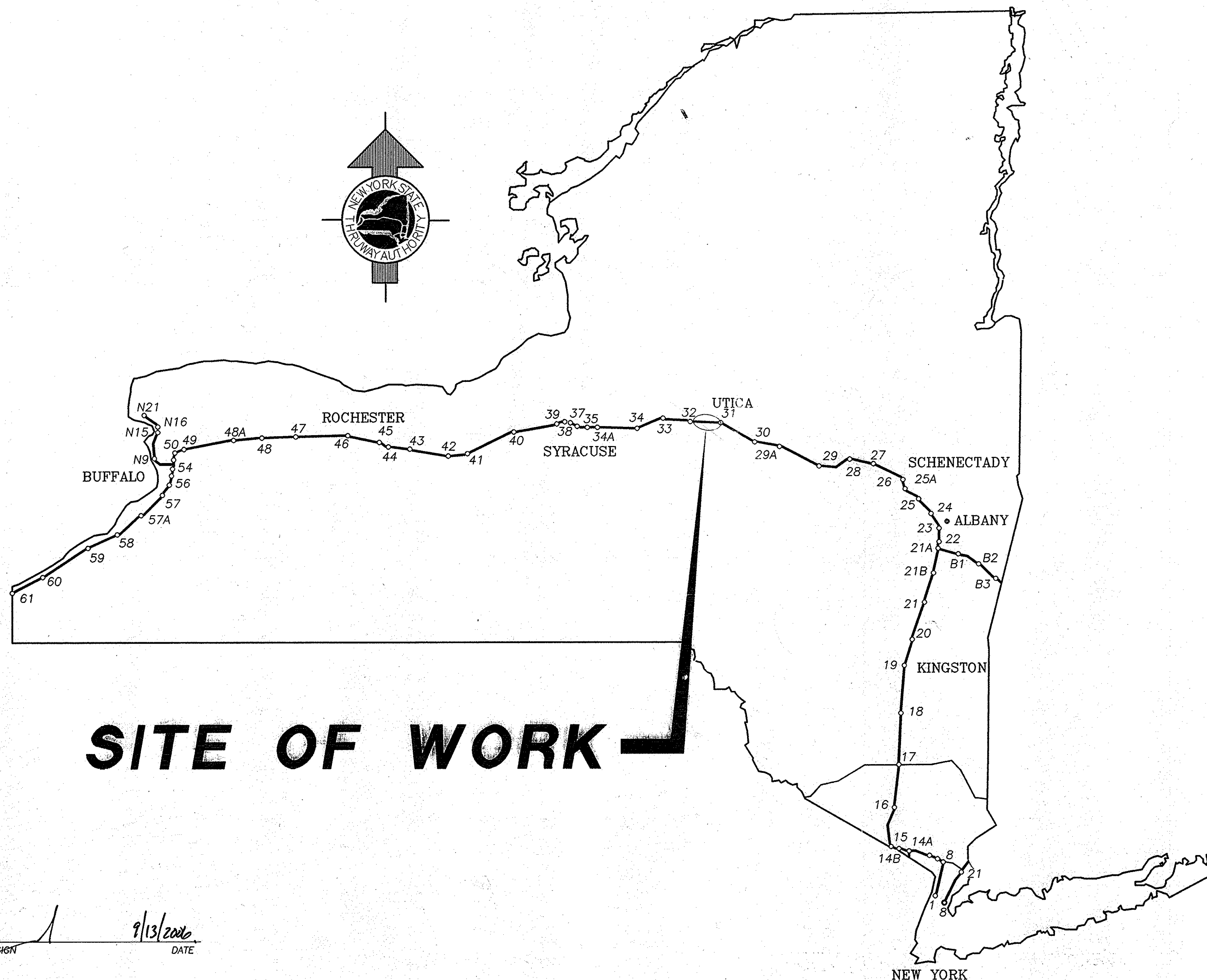
SIGNATURES HEREON HAVE BEEN AFFIXED BY PERSONS ACTING IN
THEIR OFFICIAL CAPACITY AS INDICATED.

MAINTENANCE JURISDICTION:

100% THRUWAY AUTHORITY

BRIDGES:

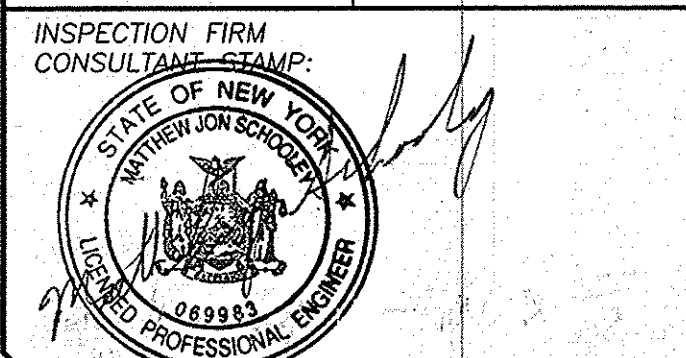
BIN 1073700 M.P. 234.16 - RAMP "G" OVER THRUWAY
BIN 1002322 M.P. 234.30 - I-790 NORTHBOUND OVER THRUWAY
BIN 1002321 M.P. 234.31 - I-790 SOUTHBOUND OVER THRUWAY
BIN 1073710 M.P. 234.46 - RAMP "B" OVER THRUWAY
BIN 1073680 M.P. 234.58 - PEDESTRIAN BIKEWAY OVER THRUWAY
BIN 5513129 M.P. 234.92 - GRIDLEY CREEK
BIN 1073730 M.P. 234.99 - RAMP "MEB" OVER THRUWAY
BIN 7708960 M.P. 235.01 - M.A.&N. RAILROAD OVER THRUWAY
BIN 23547011 M.P. 235.47 - TRUCK UNDERPASS
BIN 1077290 M.P. 236.58 - EASTBOUND ROUTE 49 OVER THRUWAY
BIN 5513019 M.P. 236.88 - THRUWAY OVER CO. RD. 107 MOHAWK STREET
BIN 4426299 M.P. 237.13 - BARGE CANAL
BIN 5513009 M.P. 237.33 - MOHAWK RIVER
BIN 5512999 M.P. 238.09 - THRUWAY OVER MAIN STREET / NYCRR
BIN 5009929 M.P. 238.22 - THRUWAY OVER ORISKANY BLVD. RT. 69
BIN 5512980 M.P. 240.48 - COUNTY RD. 157 JUDD ROAD OVER THRUWAY
BIN 5513069 M.P. 240.80 - ORISKANY CREEK



SITE OF WORK

CONTRACTOR'S NAME: **HANSON AGGREGATES**
AWARD DATE: **DEC. 4, 2006**
COMPLETION DATE: **NOV. 19, 2007**
FINAL ACCEPTANCE DATE: **APRIL 7, 2008**
INSPECTION FIRM'S NAME: **BARTON AND LOGGIDISE, P.C.**
RESIDENT ENG./EIC: **JOHN B. RIESE**
FINAL COST TOTAL: **\$6,216,382.12**

FISCAL SHARE	COST(S)
1	\$6,216,382.12



RECOMMENDED BY:

[Signature] 9/13/2006
DIRECTOR, OFFICE OF DESIGN DATE

RECOMMENDED BY:

[Signature] 9/13/06
DIVISION DIRECTOR DATE

RECOMMENDED BY:

[Signature] 9-12-06
TRAFFIC ENGINEERING DATE

RECOMMENDED BY:

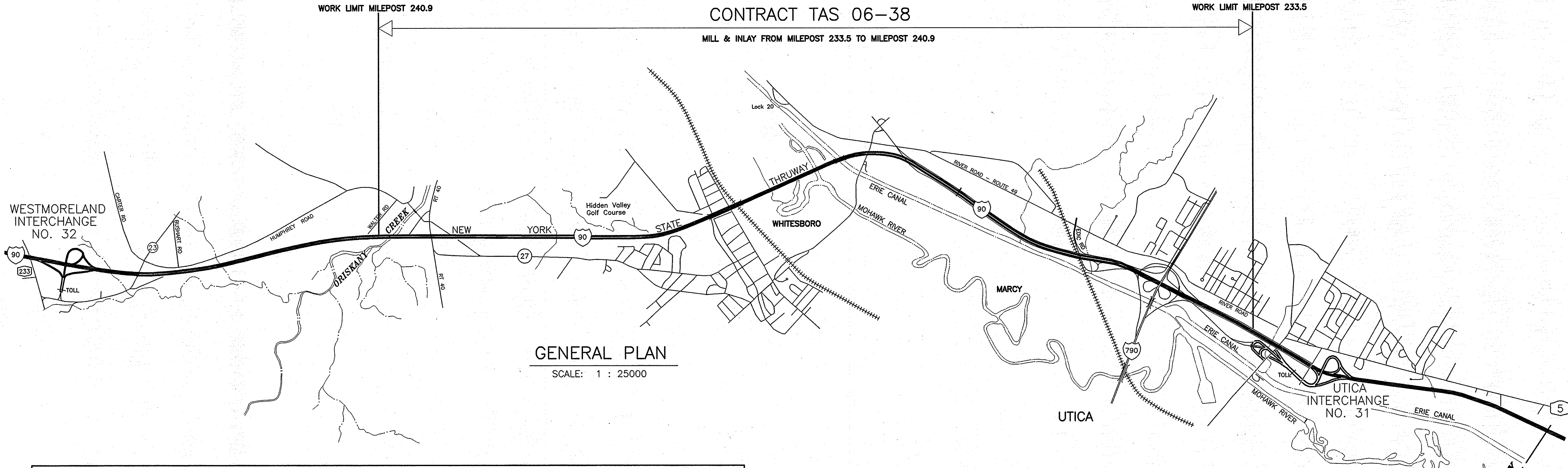
[Signature] 9/14/06
DIRECTOR, OFFICE OF CONSTRUCTION MANAGEMENT DATE

RECOMMENDED BY:

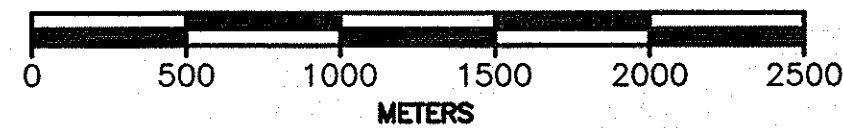
[Signature] 9/14/06
DIRECTOR OF MAINTENANCE AND OPERATIONS DATE

APPROVED BY:

[Signature] 9/14/06
CHIEF ENGINEER DATE



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2007	NOAS BUILT	Sancharin
10-23	REVISIONS	

DATE	DESCRIPTION	BY	SYM.
------	-------------	----	------

REVISIONS

NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING SERVICES
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT
MILL & INLAY, 1R SAFETY IMPROVEMENTS
AND MISCELLANEOUS WORK

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 233.5 TO M.P. 240.9

TITLE OF DRAWING

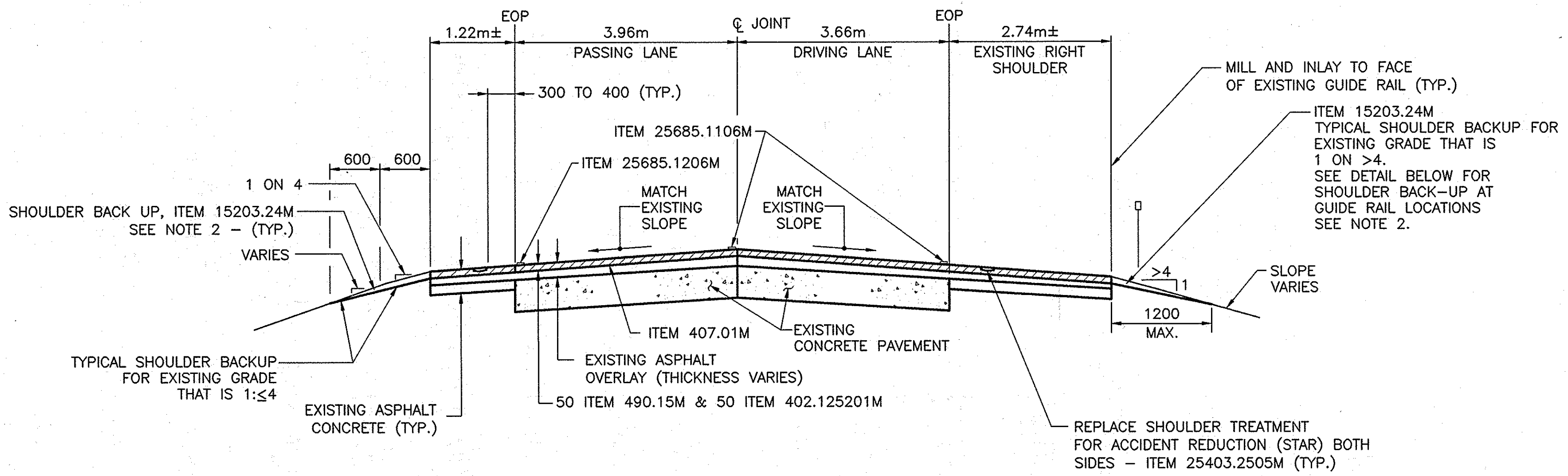
GENERAL PLAN & INDEX



CONTRACT NUMBER:
TAS 06-38
DATE:
9/5/06
DRAWING NUMBER:
GP-1

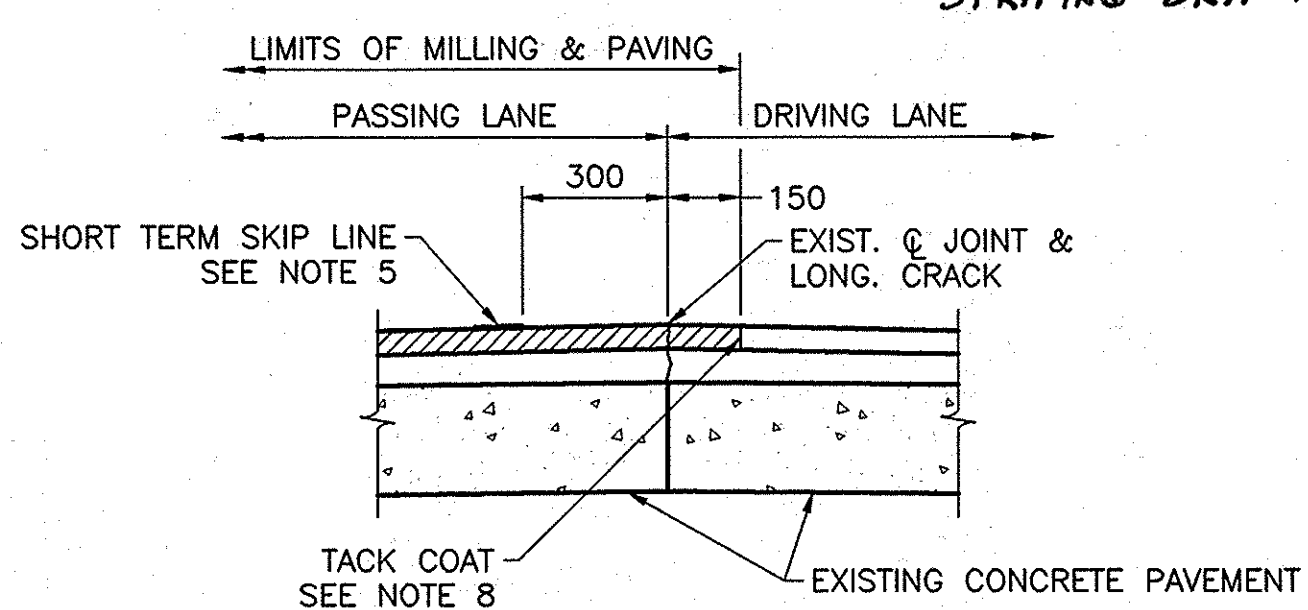
IN CHARGE OF: A. MASTROIANNI
DESIGNED BY: B. KOSLOSKE
DRAFTED BY: J. MURPHY
CHECKED BY: A. MASTROIANNI
C:\2006\06\03\TS-1.dwg

381
98

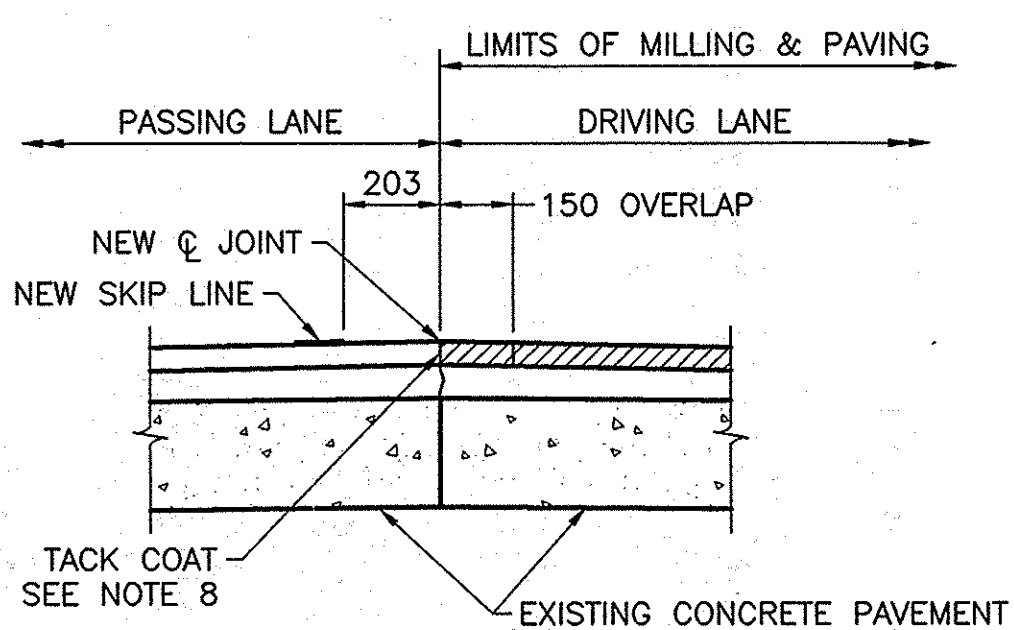


2 LANE THRUWAY - TYPICAL SECTION (NORMAL CROWN SHOWN)

NOTE: MP 234.70 TO MP 233.50 EB PASSING LANE SLAB 3.66m
DRIVING LANE SLAB 3.96m
STRIPING SKIP MOVED TO 150mm OFF JOINT.

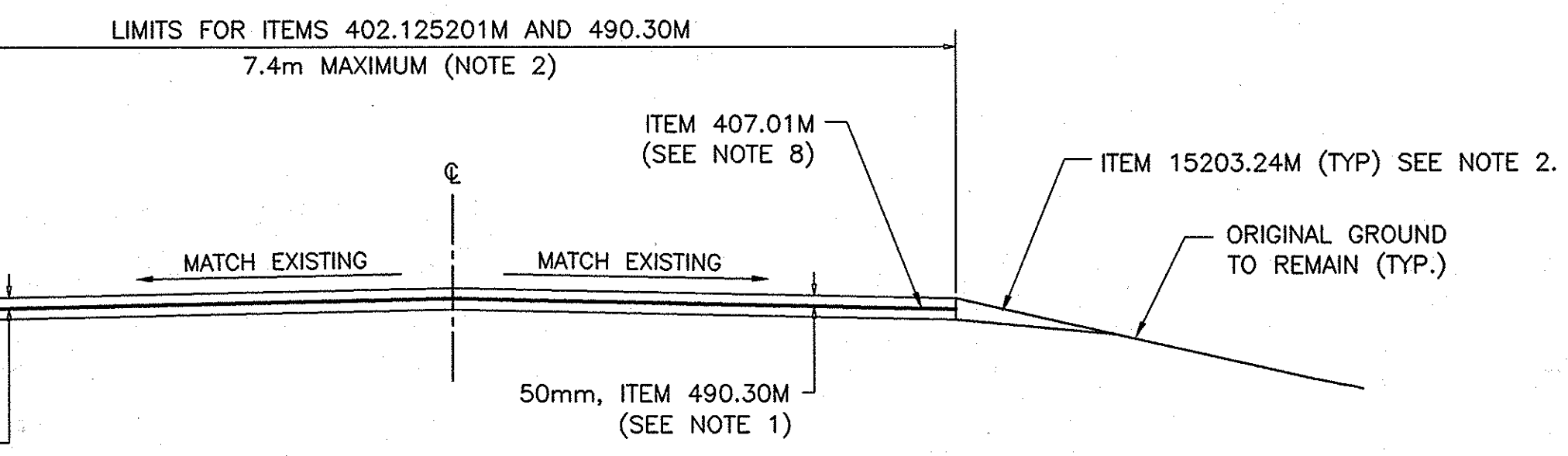


CENTERLINE JOINT FIRST PASS



CENTERLINE JOINT SECOND PASS

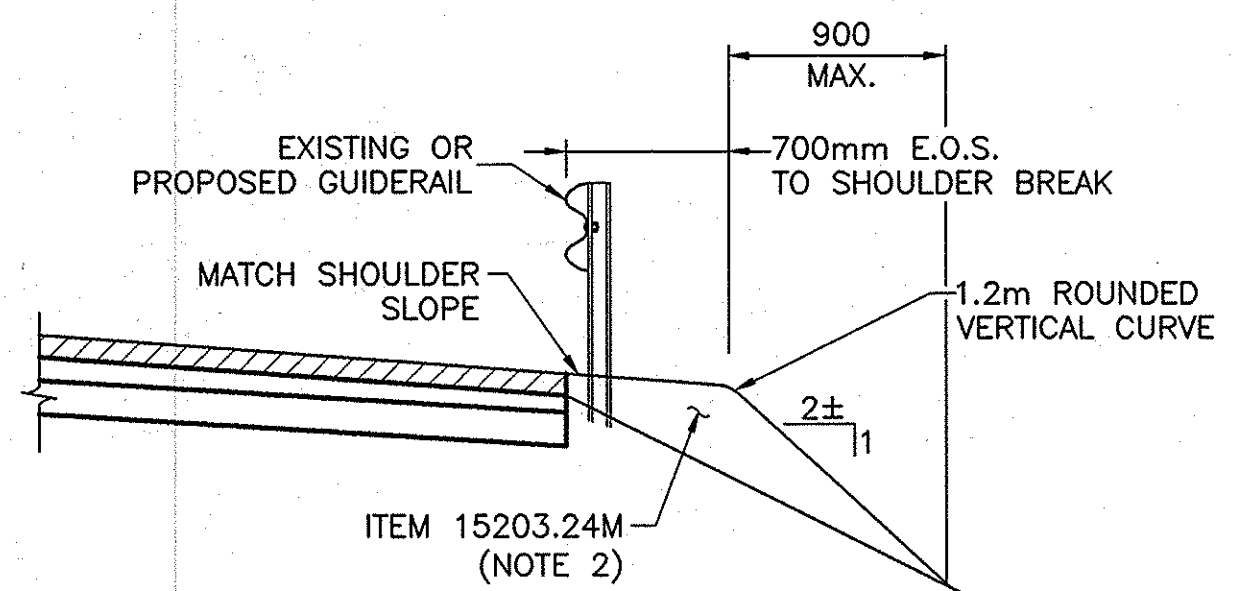
NOTE:
CENTERLINE JOINT DETAILS INDICATE MILLING AND PAVING THE PASSING LANE FIRST.
DETAILS FOR MILLING AND PAVING THE DRIVING LANE FIRST ARE SIMILAR.



PROPOSED TYPICAL SECTION RESURFACING EXISTING MEDIAN CROSSOVERS

NOTE 1:
REFER TO TABLE 407-1, TACK COAT APPLICATION RATES OF THE STANDARD SPECIFICATIONS.

NOTE 2:
MILL & INLAY WORK AT M.P. 239.425 CROSSOVER SHALL BE LIMITED TO 7.4m WIDTH.
EXISTING PAVED MEDIAN ADJACENT TO CROSSOVER TO REMAIN.



SHOULDER BACK-UP @ PROPOSED AND EXISTING GUIDERAIL LOCATIONS ITEM 15203.24M

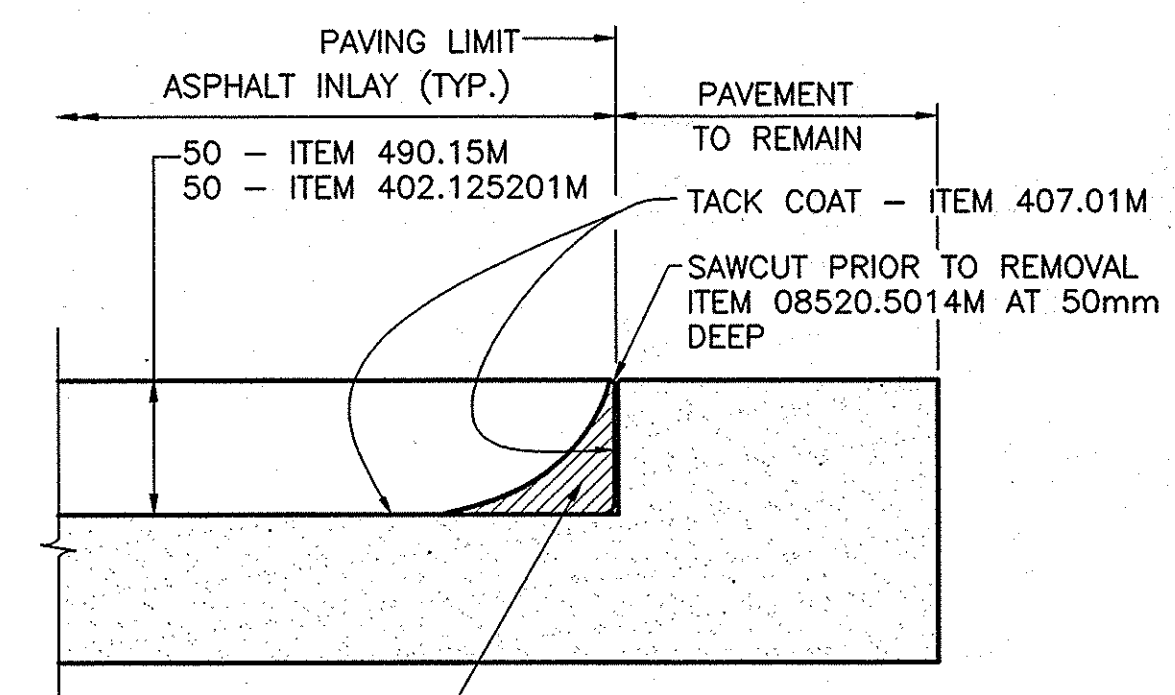
NOTE:
CONSTRUCT ITEM 15203.24M BEHIND
TERMINALS PER SS M606-5R1 AND M606-12.

ITEM 15203.24M - SHOULDER BACKUP MATERIAL
ITEM 402.125201M - 12.5mm F2 SUPERPAV HMA, 50 SERIES
ITEM 25403.2505M - REPLACEMENT OF SHOULDER TREATMENT FOR ACCIDENT REDUCTION (STAR)
ITEM 407.01M - TACKCOAT
ITEM 490.15M - PRODUCTION COLD-MILL SURFACE PLANING OF BITUMINOUS CONCRETE
ITEM 490.30M - MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE
ITEM 08520.5014M - SAW CUT ASPHALT PAVEMENT, CONCRETE PAVEMENT, AND ASPHALT OVERLAY ON CONCRETE PAVEMENT
ITEM 15619.1504M - SHORT TERM PAVEMENT MARKINGS
ITEM 25685.1106M - WHITE EPOXY REFLECT PAVEMENT STRIPE 150mm X 0.51mm
ITEM 25685.1206M - YELLOW EPOXY REFLECT PAVEMENT STRIPE 150mm X 0.51mm

NOTES FOR TYPICAL MILL AND INLAY SECTION

- 1) ALL DEBRIS ON MILLED SURFACE SHALL BE REMOVED IN ACCORDANCE WITH SECTION 490, COLD MILLING, OF THE N.Y.S.D.O.T. STANDARD SPECIFICATIONS. TEMPORARY OR PERMANENT STOCK PILING OF MILLINGS WILL NOT BE ALLOWED WITHIN THE THRUWAY R.O.W.
- 2) SHOULDER BACKUP MATERIAL ITEM 15203.24M SHALL BE PLACED UNDER & BEHIND ALL EXISTING GUIDERAIL, ALL NEW GUIDERAIL, AREAS WITHOUT GUIDERAIL PER DETAILS AND NOTE IN THE CONTRACT DOCUMENT AND AT ALL TERMINALS PER NYSDOT STANDARD SHEETS 606-5R1 AND 606-12. IT SHALL BE PLACED TO A RELATIVE CONSISTENT WIDTH AND SURFACE A.O.B.E. SHOULDER BACKUP MATERIAL SHALL BE HAND WORKED AROUND ALL POSTS.
- 3) CROSS SLOPES VARY - NORMAL CROWN TO FULL SUPER ELEVATION (BOTH BANKED LEFT & RIGHT). THE PROPOSED CROSS SLOPE SHALL MATCH THE EXISTING CROSS SLOPE IN ALL CASES.
- 4) ALL EXISTING PAVEMENT MARKINGS THAT ARE REMOVED SHALL BE REPLACED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH THE LOCATIONS OF THE EXISTING PAVEMENT MARKINGS AND PLACE THE NEW PAVEMENT MARKINGS IN THE SAME LOCATION AND PER THE STRIPING DETAIL FOUND ELSEWHERE IN THE PLANS.
- 5) SHORT-TERM PAVEMENT MARKINGS (ITEM 15619.1504M) ARE REQUIRED WHEN PERMANENT SKIP LINES ARE REMOVED.
- 6) THE CONTRACTOR SHALL ALIGN THE PROPOSED LONGITUDINAL JOINT WITH THE ORIGINAL CONSTRUCTION LONGITUDINAL JOINT.
- 7) THE CONTRACTOR'S MILLING AND RESURFACING OPERATION SHALL BE COORDINATED SO THAT NO MILLED PAVEMENT SURFACE SHALL BE OPEN TO TRAFFIC AT ANY TIME.
- 8) PLACE TACK COAT ON ALL EXPOSED ASPHALT SURFACES THAT WILL BE IN CONTACT WITH NEW ASPHALT AND BETWEEN ALL NEW ASPHALT LIFTS, SEE TABLE 407.01 OF THE STANDARD SPECIFICATIONS.
- 9) MILL & INLAY WORK AT M.P. 239.425 CROSSOVER SHALL BE LIMITED TO 7.4 METER WIDTH. EXISTING PAVED MEDIAN ADJACENT TO CROSSOVER SHALL REMAIN.

CROSSOVER LOCATIONS
1. MP 237.920
2. MP 239.425

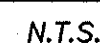


ASPHALT PAVEMENT REBATE

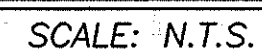
NOTE:
TACK COAT VERTICAL SIDES.

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

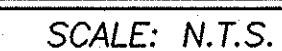
2007 10-23	ADDED PERTINENT INFORMATION	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING TYPICAL SECTIONS			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	9/5/06
		DRAWING NUMBER:	TS-1



ITEM 203.02M - UNCLASSIFIED EXCAVATION & DISPOSAL
ITEM 203.03M - EMBANKMENT IN PLACE
ITEM 15203.24M - SHOULDER BACKUP MATERIAL
ITEM 206.02M - TRENCH & CULVERT EXCAVATION
ITEM 605.1001M - UNDERDRAIN FILTER TYPE 2
ITEM 605.1502M - PERFORATED CORRUGATED POLYETHYLENE UNDERDRAIN TUBING 152mm DIA.
ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
ITEM 610.0203M - ESTABLISH TURF
ITEM 613.0101M - TOPSOIL
ITEM 623.03M - CRUSHED STONE (BY WEIGHT)
ITEM 634.01M - SURVEY & STAKEOUT
ITEM 25646.1032M - REMOVE & RESET EXISTING DELINEATORS, SNOWPLOW MARKERS, TENTH MILE MARKERS AND MILE MARKERS

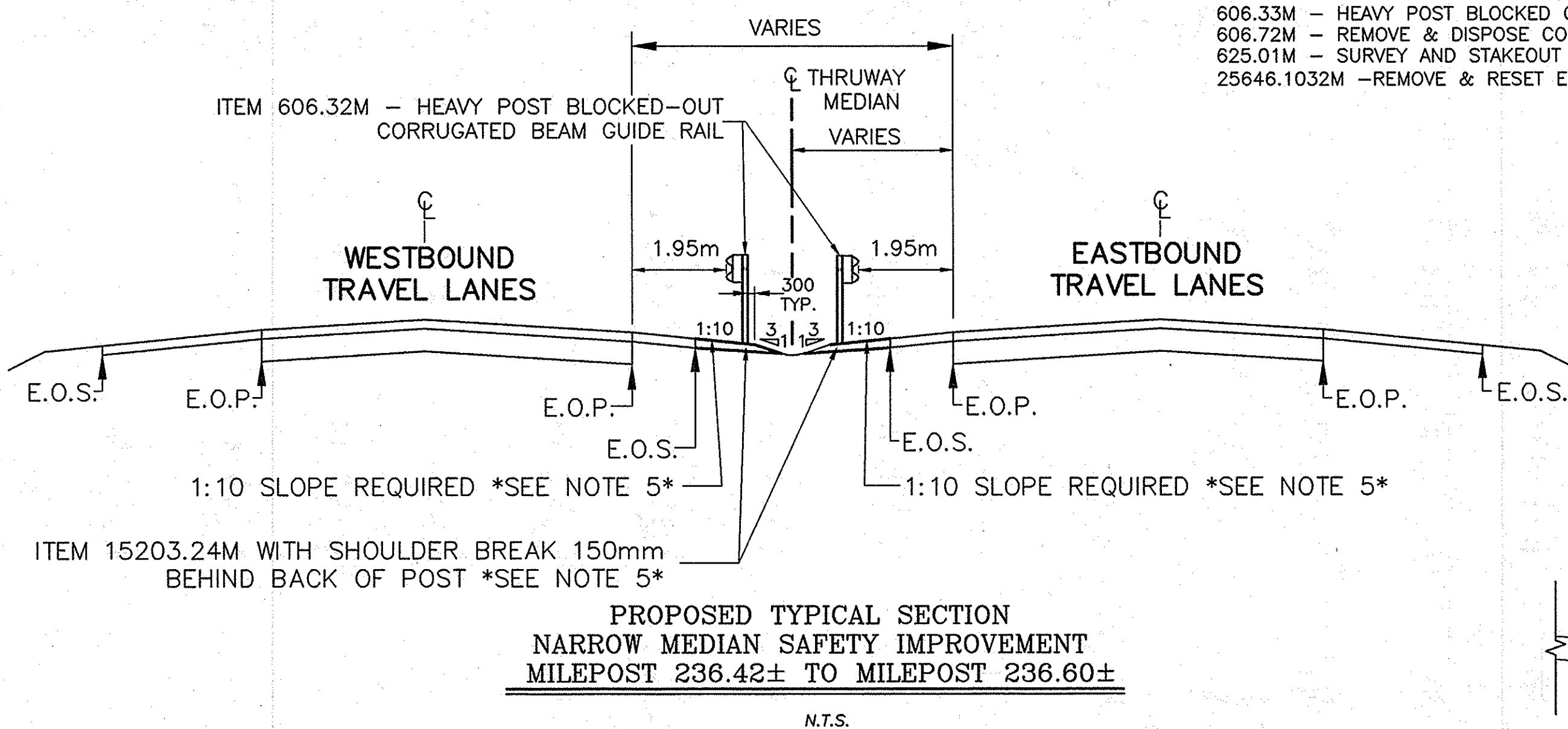
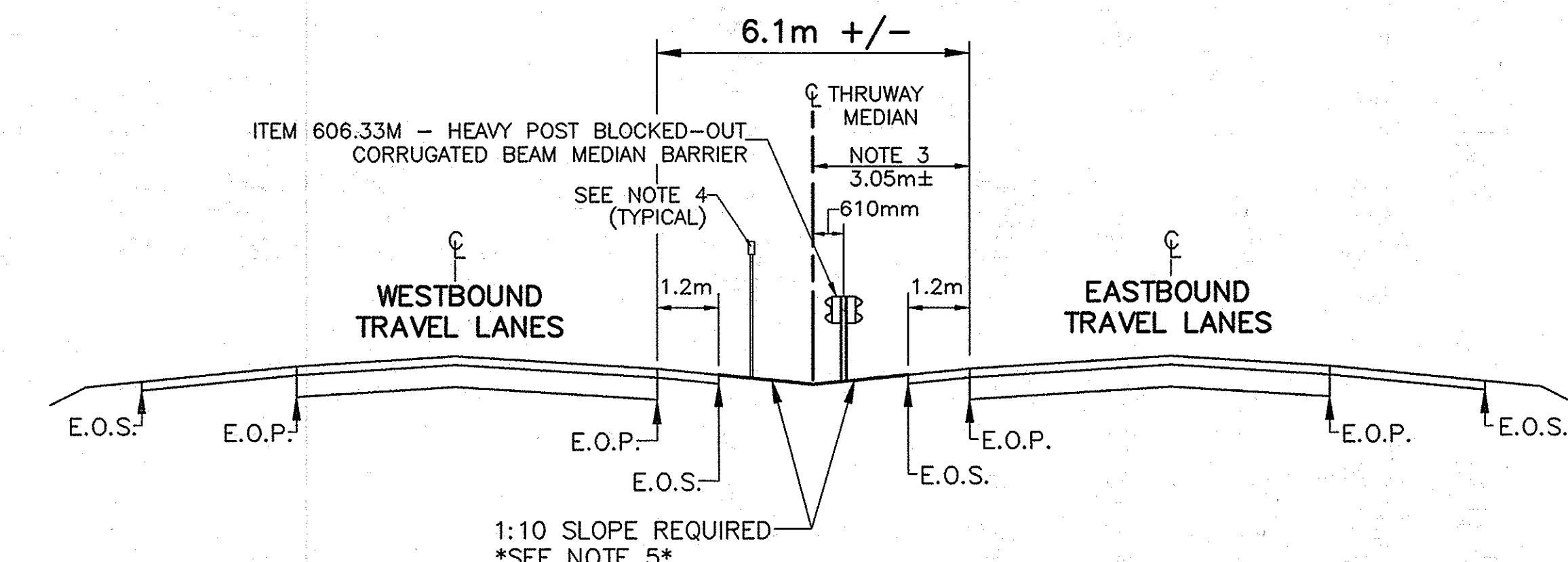
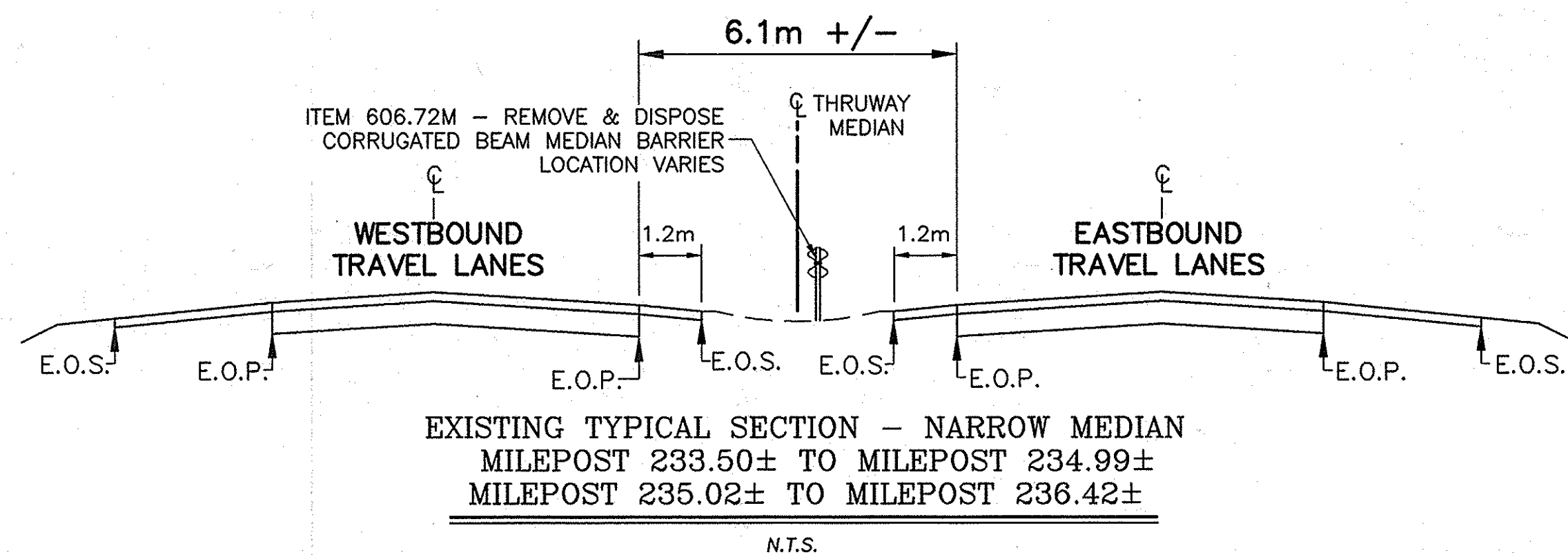


- NOTE:
NYS STANDARD SHEET M203-4 "PIPE UNDERDRAIN
BEDDING AND BACKFILL DETAILS FOR TRENCH
INSTALLATION" SHALL APPLY.



DRAWING NUMBER:
TS-2

IN CHARGE OF: A. MASTROIANI
DESIGNED BY: B. KOSLOSKE
DRAWN BY: J. MURPHY
CHECKED BY: B. KOSLOSKE
DATE: 10/23/06
PROJECT: 06KX 03-TS-1.dwg

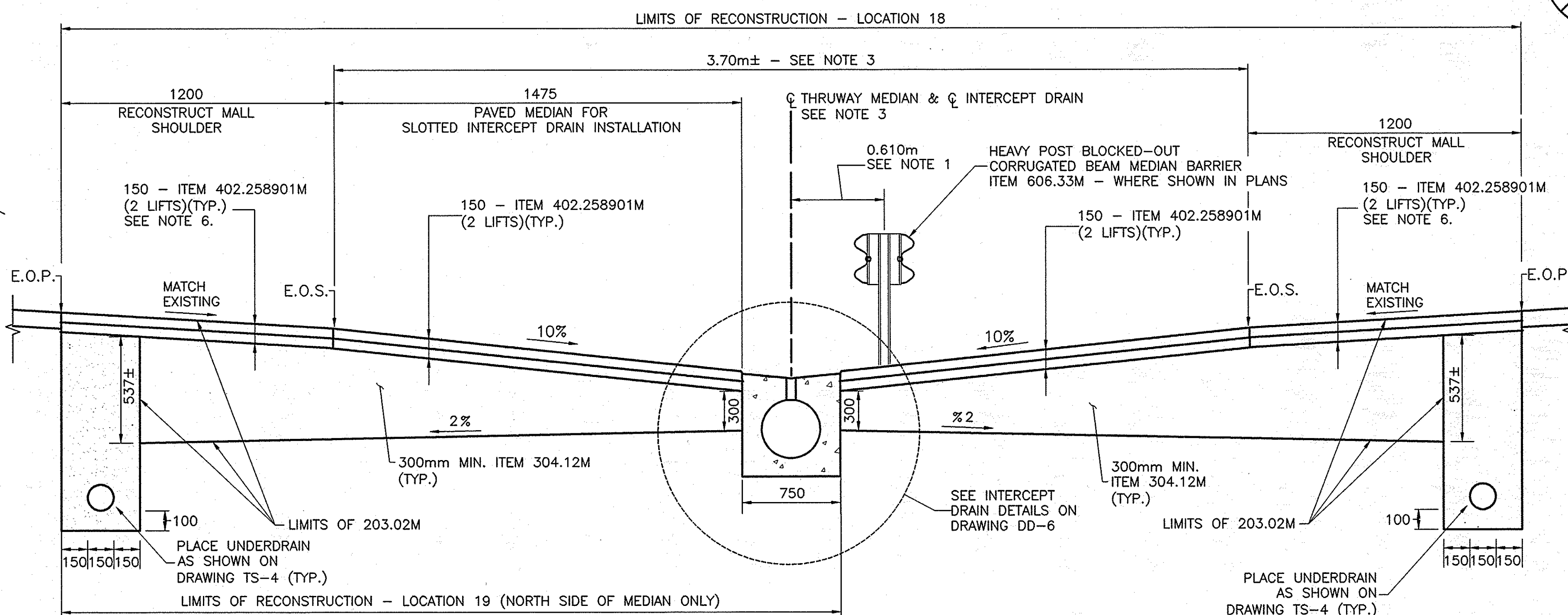


NOTES:

- SEE DRAWINGS PL-20 TO PL-33 FOR PLAN VIEW OF PROPOSED MEDIAN BARRIER.
- PLACE TRENCH DRAIN WHERE SHOWN ON PLANS & ON DRAWING DD-2.
- MEDIAN WIDTH VARIES. THE CONTRACTOR SHALL OFFSET THE PROPOSED MEDIAN RAIL FROM A MEASURED AND STAKED OUT MEDIAN CENTERLINE. (THE MEDIAN CENTERLINE SHALL BE HALF THE DISTANCE FROM LEFT E.O.P. TO LEFT E.O.P.). PAYMENT SHALL BE MADE UNDER ITEM 625.01M - SURVEY & STAKEOUT.
- AS NECESSARY, REMOVE & RESET EXISTING DELINEATORS, MILE MARKERS, & TENTH-MILE MARKERS - ITEM 25646.1032 M (TYP.) FOR DETAILS, SEE DRAWINGS DMM-1, DMM-2 & TBL-4. MISSING DELINEATORS, MILE MARKERS, & TENTH-MILE MARKERS SHALL BE SET UNDER THE APPROPRIATE ITEM NUMBER AS SHOWN ON THE CONTRACT PLANS.
- BETWEEN MILEPOST 233.50 AND 236.50, SHOULDER BACK-UP MATERIAL - ITEM 15203.24 SHALL BE PLACED IN THE MEDIAN TO MAKE THE SLOPE A 1 ON 10 AS SHOWN. BETWEEN MILEPOST 236.50 AND 236.60, PLACE SHOULDER BACK-UP AT A 1:10 WITH THE SHOULDER BREAK 150mm BEHIND THE BACK OF THE POST, THEN PLACE ITEM 15203.24M AT A 1:3 TO MEET EXISTING GRADE.
- IN SHOULDER AND FULL DEPTH REPAIR AREAS, THE BINDER SHALL BE PLACED SO THAT IT IS FLUSH WITH THE TOP OF THE ADJOINING PAVEMENT. THE SUBSEQUENT MILL AND INLAY OPERATION SHALL REMOVE THE TOP 50mm OF THE BINDER AND REPLACE IT WITH 50mm ITEM 402.125201M. SEE DRAWING TS-4.

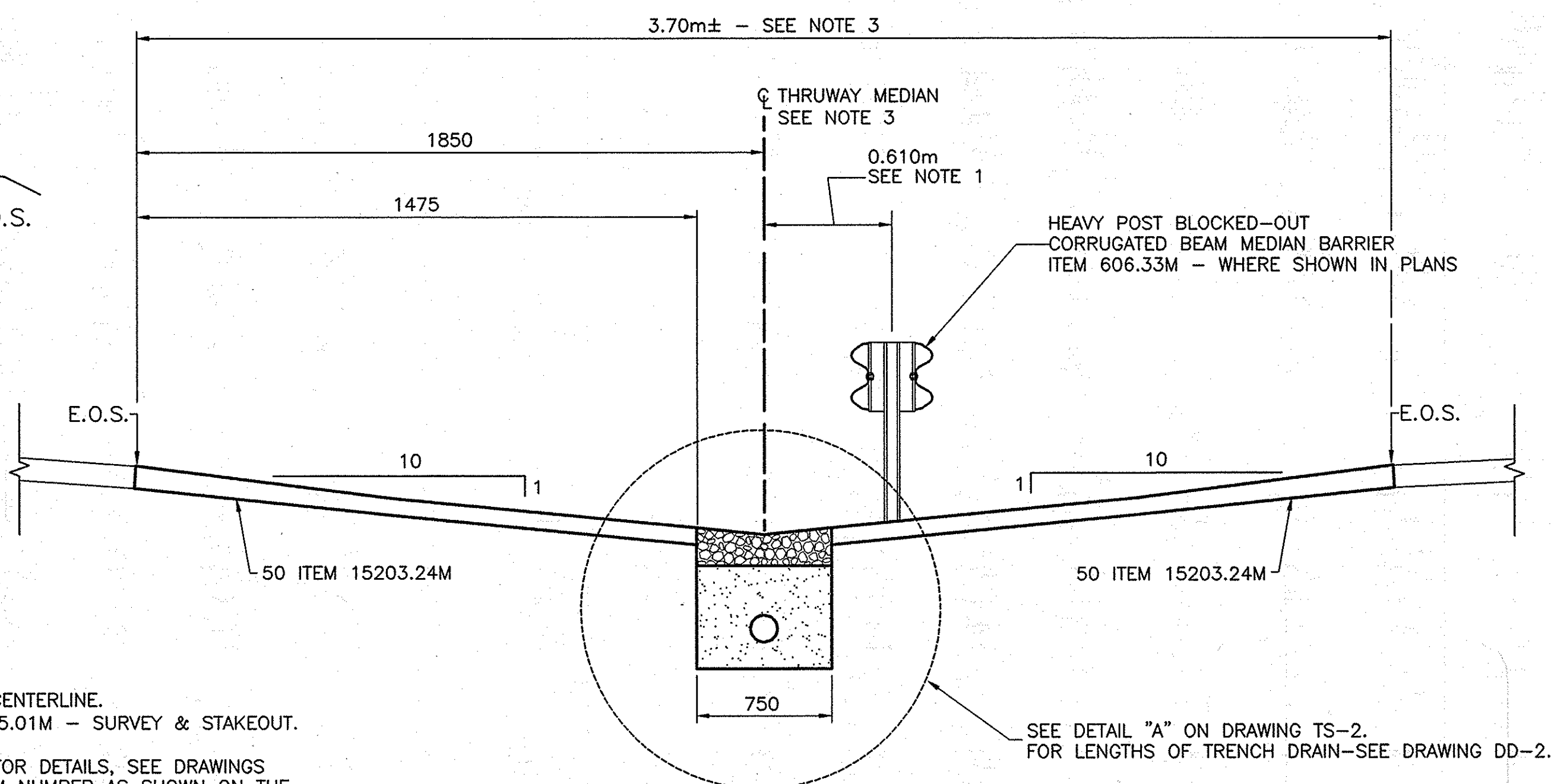
ITEM LIST:

- 203.02M - UNCLASSIFIED EXCAVATION & DISPOSAL
15203.24M - SHOULDER BACKUP MATERIAL
304.12M - SUBBASE COURSE -TYPE 2
402.125201M - 12.5mm F2 SUPERPAVE HOT MIX ASPHALT, 50 SERIES COMPACTION
402.258901M - 25mm F9 SUPERPAVE HOT MIX ASPHALT, 80 SERIES COMPACTION
606.33M - HEAVY POST BLOCKED OUT CORRUGATED BEAM MEDIAN BARRIER
606.72M - REMOVE & DISPOSE CORRUGATED BEAM MEDIAN BARRIER
625.01M - SURVEY AND STAKEOUT
25646.1032M -REMOVE & RESET EXISTING DELINEATORS, 1/10 MILE & MILE MARKERS



DETAIL
NARROW PAVED MEDIAN WITH
SLOTTED METAL INTERCEPT DRAIN
AND FULL DEPTH SHOULDER RECONSTRUCTION

M.P. 235.45 TO M.P. 235.35 - LOCATION 18
and
M.P. 235.02 - LOCATION 19
SCALE: N.T.S.



NARROW MEDIAN WITH TRENCH DRAIN DETAIL

M.P. 235.59 TO M.P. 235.79
LOCATIONS 18 AND 17
SCALE: N.T.S.

NOTE:
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UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

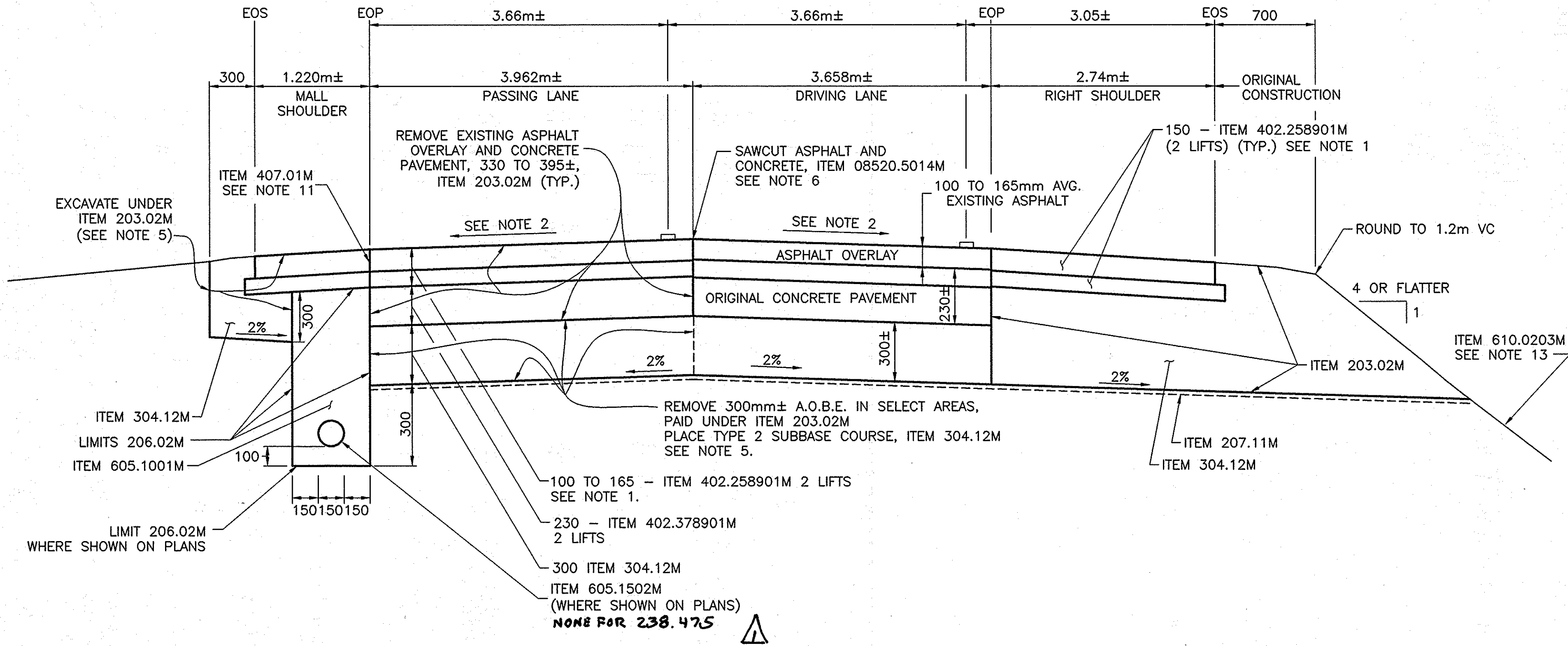
2006 10-23	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING TYPICAL SECTIONS NARROW MEDIAN			
CONTRACT NUMBER: TAS 06-38			
DATE: 8/24/06			
DRAWING NUMBER: TS-3			

IN CHARGE OF: A. MASTROIANNI
DESIGNED BY: B. KOSLOSKE
DRAFTED BY: CAD
CHECKED BY: A. MASTROIANNI
G:\2006\06XX\04-TS-2.dwg

6R2
98

TABLE "W"
TYPICAL FULL DEPTH PAVEMENT REPLACEMENT

PLAN DRAWING NUMBER	MILEPOST & DIRECTION	DESCRIPTION OF FULL DEPTH AREA	REPAIR LENGTH (m)
PL-12	W.B. 238.475±	DRIVING, PASSING, & BOTH SHOULDERS	15.2
PL-22 & PL-21	W.B. 236.175± TO 236.250	LEFT SHOULDER ONLY	120.7
PL-22 & PL-21	E.B. 236.175± TO 236.250	LEFT SHOULDER ONLY	120.7




TYPICAL FULL DEPTH PAVEMENT REPLACEMENT
SEE TABLE "W" FOR LOCATIONS

NOT TO SCALE

NOTES:

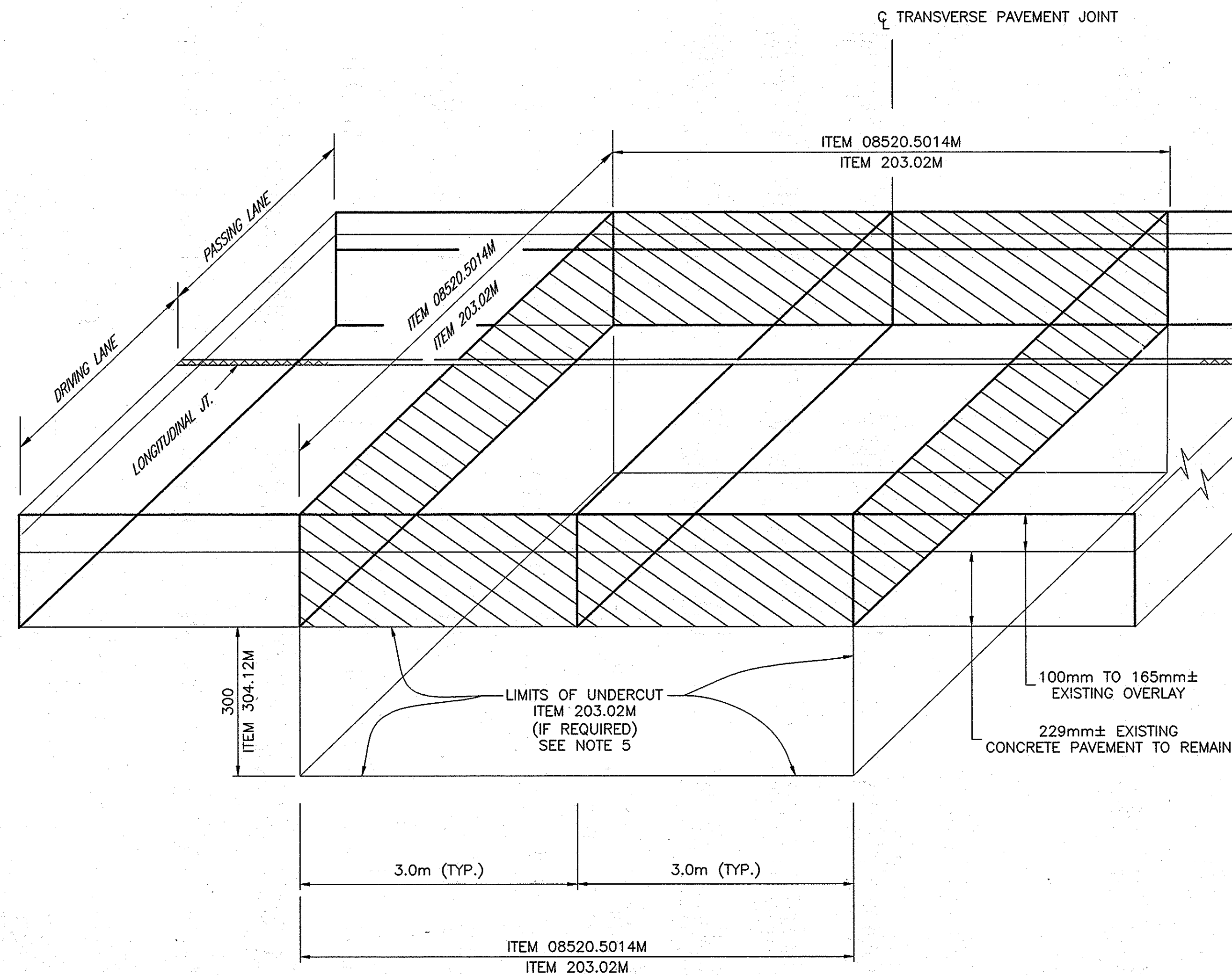
- IN SHOULDER AND FULL DEPTH REPAIR AREAS, THE BINDER SHALL BE PLACED SO THAT IT IS FLUSH WITH THE TOP OF THE ADJOINING PAVEMENT. THE SUBSEQUENT MILL AND INLAY OPERATION SHALL REMOVE THE TOP 50mm OF THE BINDER AND REPLACE IT WITH 50mm ITEM 402.125201M.
- CROSS SLOPES MAY VARY FROM NORMAL CROWN TO FULL SUPER ELEVATION (BOTH BANKED LEFT AND RIGHT). THE PROPOSED TRAVEL LANE CROSS SLOPE SHALL MATCH THE EXISTING CROSS SLOPE IN ALL CASES.
- THE CONTRACTOR'S MILLING AND RESURFACING OPERATIONS SHALL BE COORDINATED SO THAT NO MILLED PAVEMENT SURFACE SHALL BE OPEN TO TRAFFIC AT ANY TIME.
- SEE SEPARATE SHEETS FOR REPLACEMENT OF PAVEMENT STRIPES.
- IT IS ASSUMED THAT ALL OF THE FULL DEPTH REPLACEMENT AREAS (TABLE "W") SHALL HAVE THE SUBBASE REMOVED. IN THESE AREAS THE ADJACENT ASPHALT SHOULDER AND SUBBASE SHALL ALSO BE REMOVED AND RECONSTRUCTED. LEFT SHOULDER AREAS SHALL BE AS SHOWN ABOVE. IN FILL AREAS WITHOUT GUIDE RAIL, THE SUBBASE UNDER THE RIGHT SHOULDER SHALL BE DAYLIGHTED AND MATCH EXISTING GRADE. IN FILL AREAS WITH GUIDE RAIL AND IN CUT AREAS, PAVEMENT EDGE UNDERDRAIN SHALL BE INSTALLED UNDER THE RIGHT SHOULDER. WHEREVER UNDERDRAIN IS USED, THE UNDERDRAIN SHALL TIE INTO THE EXISTING UNDERDRAIN. WHERE POSSIBLE, LATERALS SHALL BE INSTALLED AND DAYLIGHTED. EXCAVATION OF THE AREA AND SUBSEQUENT INSTALLATION OF ITEM 304.12M SHALL BE AS SHOWN ABOVE FOR THE MALL SHOULDER.
- SAWCUT, ITEM 08520.5014M, SHALL BE REQUIRED AROUND FULL DEPTH PAVEMENT REPLACEMENT OPERATIONS AND AT ENDS OF PAVING OPERATIONS AND AT BRIDGES WHICH WILL NOT BE MILLED.
- DEPTH OF EXISTING ASPHALT VARIES. (AVERAGE DEPTH BASED ON CORES = 130mm)
- AFTER MILLING AND INLAYING THE TRAVEL LANES, THE CONTRACTOR SHALL SAW AND SEAL JOINTS OVER EXISTING TRANSVERSE JOINTS A.O.B.E. WORK IS TO BE PAID FOR UNDER ITEM 18402.2502M.
- ALL DEBRIS ON MILLED SURFACE SHALL BE REMOVED IN ACCORDANCE WITH SECTION 490, COLD MILLING, OF THE N.Y.S.D.O.T. STANDARD SPECIFICATIONS.
- SHORT TERM PAVEMENT MARKINGS, ITEM 15619.1504M, WILL BE REQUIRED WHEN PERMANENT PAVEMENT MARKINGS ARE REMOVED.
- PLACE TACK COAT ON ALL EXPOSED ASPHALT SURFACES THAT WILL BE IN CONTACT WITH NEW ASPHALT AND BETWEEN ALL NEW ASPHALT LIFTS, ITEM 407.01M. FOR APPLICATION RATES SEE TABLE 407-1 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL ALIGN THE PROPOSED LONGITUDINAL JOINTS WITH THE EXISTING LONGITUDINAL JOINTS.
- IF REQUIRED, ESTABLISH TURF ITEM 610.0203M, IMMEDIATELY OVER AREAS DISTURBED DURING CONSTRUCTION A.O.B.E.
- FOR EPOXY PAVEMENT MARKINGS LAYOUT AND DETAILS SEE DRAWING PMA-1.

- ITEM 203.02M - UNCLASSIFIED EXCAVATION AND DISPOSAL
ITEM 206.02M - TRENCH & CULVERT EXCAVATION
ITEM 207.11M - GEOTEXTILE SEPARATION
ITEM 304.12M - SUBBASE COURSE-TYPE 2
ITEM 402.125201M - 12.5mm F2 SUPERPAVE HMA, 50 SERIES
ITEM 402.258901M - 25.0mm F9 SUPERPAVE HMA, 80 SERIES
ITEM 402.378901M - 37.5mm F9 SUPERPAVE HMA, 80 SERIES
ITEM 18402.2502M - SAW AND SEAL JOINTS IN NEW HMA.
ITEM 25403.2505M - PLACEMENT OF SHOULDER TREATMENT FOR ACCIDENT REDUCTION (STAR)
ITEM 407.01M - TACK COAT
ITEM 08520.5014M - SAW CUT ASPHALT PAVEMENT, CONCRETE PAVEMENT AND ASPHALT OVERLAY ON CONCRETE PAVEMENT
ITEM 605.1001M - UNDERDRAIN FILTER - TYPE 2
ITEM 605.1502M - PERF. CORRUGATED POLYETHYLENE UNDERDRAIN TUBING 152mm DIA.
ITEM 610.0203M - ESTABLISH TURF
ITEM 15619.1504M - SHORT-TERM PAVEMENT MARKINGS (TOP COURSE)

10-23	ADDED PERTINENT INFORMATION	Santha Saini	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING TYPICAL SECTION FULL DEPTH PAVEMENT REPAIRS			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 8/21/06	
		DRAWING NUMBER: TS-4	

NOTES FOR FULL DEPTH JOINT REPAIRS

1. THE CONTRACTOR SHALL PERFORM FULL DEPTH JOINT REPAIRS AS SHOWN ON DWGS. PL-1 THROUGH PL-33. STAGE 1-THE BINDER SHALL BE PLACED SO THAT IT IS FLUSH WITH THE TOP OF THE ADJOINING PAVEMENT. THE SUBSEQUENT MILL & INLAY OPERATION SHALL REMOVE THE TOP 50mm OF THE BINDER AND REPLACE IT WITH 50mm ITEM 402.125201M.
2. REFER TO TABLE "J" FOR JOINT REPAIR LOCATIONS. THE EXACT LOCATION AND SIZE OF REPAIR AREA COULD VARY DUE TO PAVEMENT CONDITIONS AND SHALL BE DETERMINED AND MARKED OUT BY THE ENGINEER.
3. SAW CUT, ITEM 08520.5014M, SHALL BE REQUIRED AROUND THE PERIMETER OF FULL DEPTH REPAIR AREAS.
4. THE DEPTH OF EXISTING ASPHALT OVERLAY MAY VARY FROM THAT SHOWN ON THE PLANS. THE CONTRACTOR SHALL ADJUST THE ASPHALT BASE COURSE TO COMPENSATE FOR ANY VARIANCE. (AVERAGE DEPTH BASED ON CORES = 130mm)
5. IT IS ASSUMED THAT 20% OF THE FULL DEPTH JOINT REPAIR AREAS (TABLE J) SHALL REQUIRE THE REPLACEMENT OF SUBBASE MATERIAL.
6. CROSS SLOPES MAY VARY FROM NORMAL CROWN TO FULL SUPER ELEVATION (BOTH LEFT AND RIGHT). THE PROPOSED TRAVEL LANE CROSS SLOPE SHALL MATCH THE EXISTING CROSS SLOPE IN ALL CASES.
7. PAVEMENT STRIPES DESTROYED AS PART OF THE PAVEMENT REPAIR OPERATION SHALL BE REPLACED UPON COMPLETION OF REPAIRS. PAYMENT UNDER ITEMS 15619.1504M, 25685.1106M OR 25685.1206M.
8. PLACE TACK COAT, ITEM 407.01M ON ALL EXPOSED VERTICAL SURFACES AND BETWEEN NEW ASPHALT LIFTS. FOR APPLICATION RATES SEE TABLE 407-1 OF THE STANDARD SPECIFICATION.



FULL DEPTH JOINT REPAIR EXISTING (TYP.)

N.T.S.

ITEM LIST

ITEM 203.02M - UNCLASSIFIED EXCAVATION AND DISPOSAL
 ITEM 207.11M - GEOTEXTILE SEPARATION
 ITEM 304.12M - SUBBASE COURSE-TYPE 2
 ITEM 402.125201M - 12.5mm F2 SUPERPAVE HMA, 50 SERIES
 ITEM 402.258901M - 25.0mm F9 SUPERPAVE HMA, 80 SERIES
 ITEM 402.378901M - 37.5mm F9 SUPERPAVE HMA, 80 SERIES
 ITEM 18402.2502M - SAW AND SEAL JOINTS IN NEW HMA.
 ITEM 407.01M - TACK COAT
 ITEM 490.15M - PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE
 ITEM 08520.5014M - SAW CUT ASPHALT PAVEMENT, CONCRETE PAVEMENT AND ASPHALT OVERLAY ON CONCRETE PAVEMENT
 ITEM 15619.1504M - SHORT-TERM PAVEMENT MARKINGS (TOP COURSE)
 ITEM 25685.1106M - WHITE EPOXY REFLECT PAVEMENT STRIPES 150mm X 0.51mm
 ITEM 25685.1206M - YELLOW EPOXY REFLECT PAVEMENT STRIPES 150mm X 0.51mm

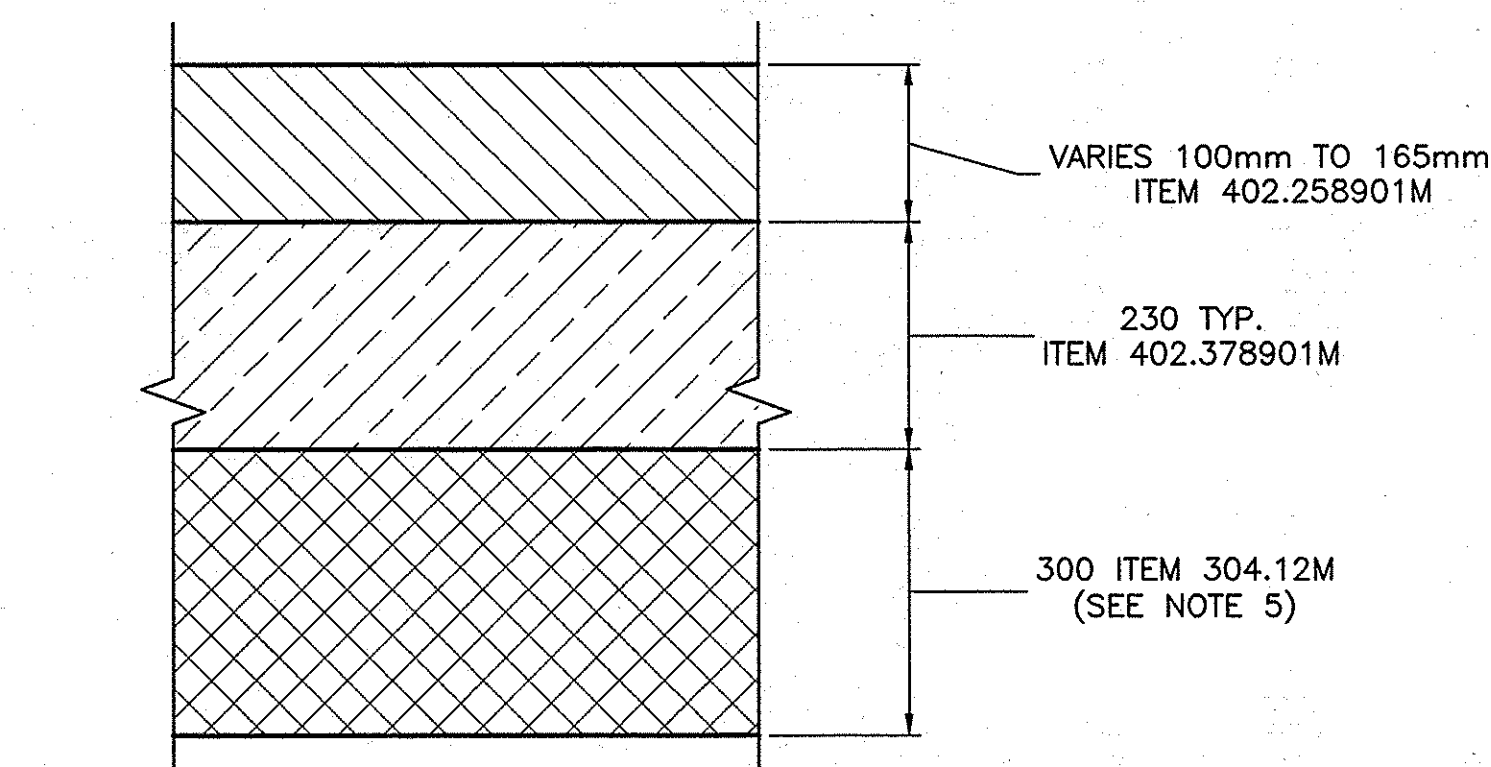
PL-28	234.675	DRIVING	3.66
PL-29	234.50	DRIVING & PASSING	7.62
PL-31	234.10	DRIVING & PASSING	7.62
PL-18	237.10	DRIVING	3.66

TABLE "J"

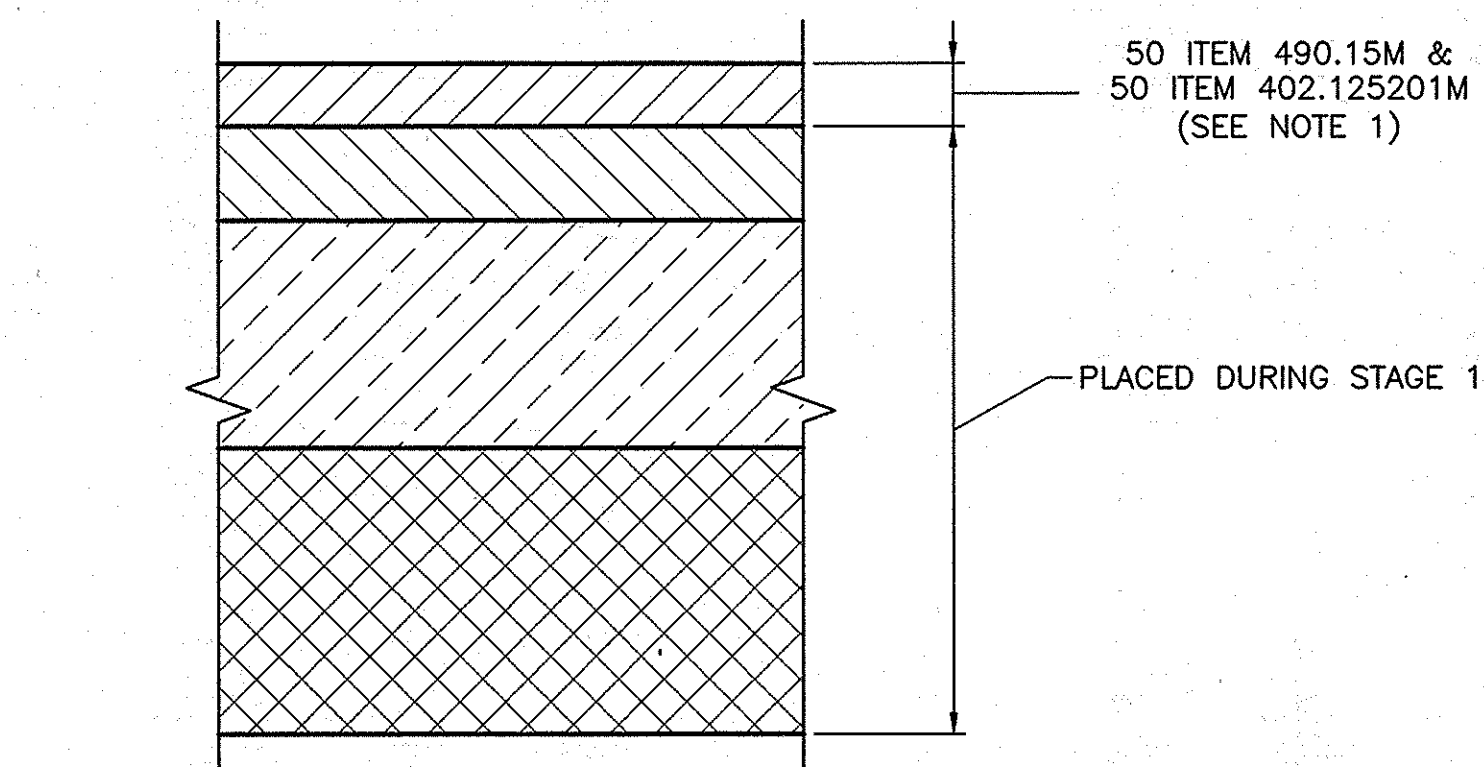
FULL DEPTH JOINT REPAIR-REPLACEMENT OF EXISTING PAVEMENT AT JOINT

WESTBOUND			
PLAN DRAWING NUMBER	MILEPOST	LANE	LANE WIDTH (m)
PL-31	234	DRIVING	3.66
PL-30	234.3	PASSING	3.96
PL-30	234.325	PASSING	3.96
PL-21	236.2	PASSING	3.96
PL-21	236.250	PASSING	3.96
PL-18	237.1	PASSING	3.96
PL-17	237.275	DRIVING & PASSING	7.62
PL-16	237.39	DRIVING & PASSING	7.62
PL-14	237.850	DRIVING & PASSING	7.62
PL-14	237.875	DRIVING & PASSING	7.62
PL-14	238	DRIVING	3.66
PL-13	238.1	DRIVING & PASSING	7.62

EASTBOUND			
PLAN DRAWING NUMBER	MILEPOST	LANE	LANE WIDTH (m)
PL-13	238.2	DRIVING	3.66
PL-17	237.275	DRIVING	3.66
PL-16	237.39	DRIVING & PASSING	7.62
PL-14	237.98	DRIVING	3.66
PL-14	237.85	PASSING	3.96
PL-23	235.950	DRIVING & PASSING	7.62
PL-26	235.225	PASSING	3.96


SECTION
TYPICAL JOINT REPAIR - STAGE 1


N.T.S.


SECTION
TYPICAL JOINT REPAIR - STAGE 2


N.T.S.





10-23	ADDED TO TABLE "J"	Santha Srinivas	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING FULL DEPTH PAVEMENT JOINT REPAIRS			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	8/21/06
		DRAWING NUMBER:	TS-5


ESTIMATE OF QUANTITIES 				
ITEM	DESCRIPTION	UNIT	ESTIMATE	FINAL
201.06M	CLEARING AND GRUBBING	LS	NEC	100
203.02M	UNCLASSIFIED EXCAVATION & DISP	CM	10270.0	10,114.61
203.03M	EMBANKMENT IN PLACE	CM	5625.0	5,464.31
203.07M	SELECT GRANULAR FILL	CM	167.0	158.70
203.18M	CLEANING CLOSED DRAINAGE SYSTEMS	M	84.7	73.70
203.19M	CLEAN DRAIN, STRUCT. & MANHOLE	EA	4.0	3.00
15203.24M	SHOULDER BACKUP MATERIAL	MT	7034.0	1,858.89
25203.5120M	GRADE, CLEAN & RESHAPE DITCHES	M	106.0	106.00
206.02M	TRENCH AND CULVERT EXCAVATION	CM	1770.0	1,604.10
207.10M	GEOTEXTILE BEDDING	SM	140.0	168.86
207.11M	GEOTEXTILE SEPARATION	SM	304.0	745.83
209.110102M	CHECK DAM (BTM WIDTH >1.0 TO 2.0 M) STONE TEMP.	EA	17.0	16.00
209.1105M	CHECK DAM, PREFABRICATED TEMPORARY	M	25.0	30.00
209.13M	SILT FENCE - TEMPORARY	M	47.0	158.77
209.1701M	DRAINAGE STRUCTURE INLET PROT SILT FENCE - TEMPORARY	M	75.0	91.60
304.12M	SUBBASE COURSE - TYPE 2	CM	590.0	597.48
18402.000051M	PAVEMENT RIDE QUALITY ADJUSTMENT LEVEL 2	FQU	1200.0	308.50
402.125201M	12.5 MM F2 SUPERPAVE HMA, 50 SERIES COMPACTION	MT	36830.0	35,204.96
402.125211M	PLANT PROD QUALITY ADJUSTMENT TO 402.125201M	FQU	1842.0	789.14
402.125221M	PAVEMENT DENSITY QUALITY ADJT. TO 402.125201M	FQU	1166.0	1,104.13
18402.2502M	SAW & SEAL JTS IN NEW HT MX ASPH OVER USE HOT APPLD SEAL	M	9920.0	6,520.80
402.258901M	25MM F9 SUPERPAV HMA 80 SERIES	MT	750.0	1,623.03
402.258911M	PLNT PROD QUAL ADJ.402.258901M	FQU	37.5	0.00
402.378901M	37.5MM F9 SUPERPAVE HMA, 80 SERIES COMP.	MT	410.0	606.11
402.378911M	PLANT PRODUCTION QUALITY ADJUSTMENT TO 402.378901M	FQU	21.0	0.00
25403.2505M	REPLACEMENT OF SHOULDER TREAT. FOR ACCIDENT REDUCTION (STAR)	M	48000.0	45,938.18
407.01M	TACK COAT	L	77065.0	71,386.44
490.15M	PRODUCTION COLD MILL SURFACE PLANING OF BITUMINOUS CONCRETE	SM	30340.0	279,708.32
490.30M	MISC. COLD MILL OF BIT CONC.	SM	6700.0	6,430.99
08520.5014M	SAW CUT ASPH PAVT, CONC PAVT & ASPH OVERLAY ON CONC PAVT	M	1250.0	3,026.61
552.16M	EXCAVATION PROTECTION SYSTEM	SM	285.0	281.85
587.1002M	BOX BEAM BRIDGE RAIL TWO RAIL	M	28.8	28.80

ESTIMATE OF QUANTITIES 				
ITEM	DESCRIPTION	UNIT	ESTIMATE	FINAL
25603.1618M	CORRUGATED STEEL PIPE INTERCPT DRAIN 450MM DIA., 16 GAUGE	M	198.0	198.00
603.6003M	REINFORCED CONCRETE PIPE, CLASS III, 450 MM DIAMETER	M	12.2	11.43
603.6005M	REINFORCED CONCRETE PIPE, CLASS III, 600 MM DIAMETER	M	47.0	53.02
603.7303M	R.C.P. END SECTION, 450MM DIA.	EA	2.0	2.00
603.7305M	R.C.P. END SECTION, 600MM DIA.	EA	2.0	3.00
603.7307M	R.C.P. END SECTION, 750MM DIA.	EA	2.0	2.00
603.801216M	CSP(68X13MM) 450 DIA 16GA POLY	M	3.0	6.00
25603.9701M	REM OF EXIST. DRAINAGE STRUCT.	EA	4.0	5.00
25603.9801M	CULVERT END SAFETY GRATE	SM	10.7	10.70
25603.9825M	EXT.CONNECT.TO EXIST.DRAIN SYS	EA	3.0	4.00
25604.0625M	CONN. TO EXIST. DRAIN. SYSTEM	EA	18.0	18.00
604.072501M	ALTERING DRAINAGE STRUCTURES LEACHING BASINS & MANHOLES	EA	9.0	9.00
604.4060M	ROUND PRECAST CONCRETE MANHOLE TYPE 60	M	3.0	2.90
605.0704M	CORR STL PIPE TYPE III 200 MM DIA, 16 GA	M	23.0	25.00
605.1001M	UNDERDRAIN FILTER TYPE 2	CM	1060.0	1,000.51
605.1502M	PERF COR POLYETHYLENE UNDRDRN TUBING 152 MM DIAMETER	M	2330.0	2,354.88
606.10M	BOX BEAM GUIDE RAILING	M	537.7	542.80
606.100001M	BOX BM GUIDE RAIL, SHOP CURVED	M	22.0	21.90
606.1203M	BOX BEAM GUIDE RAIL END ASSEM. TYPE III	EA	1.0	1.00
606.17M	CORR. BEAM MEDIAN BARR.	M	3330.0	3,318.51
606.18M	MODIFIED G2 WEAK-POST, CORR BEAM GUIDE RAIL	M	3342.5	3,438.40
606.1801M	MODFD G2 WK-PST CORR BEAM G R W/ XTRA LNG PSTS	M	827.0	1,581.85
606.22M	ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING	EA	11.0	11.00
15606.34M	MED BARR REDRGTVE GATING END-TERMINAL	EA	3.0	-
606.32M	HEAVY POST BLK-OUT CORR. BEAM GUIDE RAILING	M	685.4	882.00
606.33M	HVY POST BLOCKED-OUT CORR BEAM MEDIAN BARRIER	M	4938.0	5,000.12
606.34M	ANCHOR UNIT FOR HEAVY POST-BKD OUT CORR BM GUIDE RAILING	EA	2.0	2.00
15606.3601M	OPT. END TERM FOR HPBO CORR BM G.R., ET 2000 OR SKT 350 S.B.P	EA	12.0	12.00
15606.46M	CRASH-CUSHION ATTEN.TERM 350	EA	3.0	3.00
606.51M	RESET CORRUGATED BM GUIDE RAIL	M	8.0	7.60




NEW ITEMS 			
ITEM	DESCRIPTION	UNIT	FINAL
900.0638M	A- REIN. CONC. PIPE, CLASS III, 750MM DIA.	M	13.72
901.0638M	A- CLEAR 1 GRUB FOR FENCE INSTALLATION	D-C	25,900.00
902.0638M	A- SHIELDED LEADIN CABLE	M	0
902.0638M	A- SHIELDED LEADIN CABLE WITH GROUND	D-C	1811.91
904.0638M	A- ANCHOR UNIT FOR CORR BM. MEDIAN BARRIER	EA	1.00
905.0638M	FAW- CLEAN, GRADE & SHAPE EXIST. ROADSECTION	D-C	8981.35
906.0638M	FAW-INSTALL STEPS IN EXISTING DRAIN. STRUCT	D-C	3,666.13
907.0638M	NOT USED	-	-
908.0638M	A- ASPHALT PRICE ADJUSTMENT- CREDIT	D-C	90195.67
909.0638M	A- STEEL PRICE ADJUSTMENT - CREDIT	D-C	1798.36
910.0638M	A- MAINT. & PROTECT. OF TRAFFIC ASSEMBLY CREDIT	D-C	4,492.19
910.0638M	FAW- JOINT REPAIR	D-C	13359.72

NOT USED- NO BID
SEE ITEM 15606.3601M 

2007 10-23	REMOVED 1 ITEM	<i>Sanchez</i>	
2007 10-23	FINAL QUANTITIES	<i>Sanchez</i>	
2008 10-25	NEW ITEMS	<i>Sanchez</i>	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO 240.9			
TITLE OF DRAWING ESTIMATE OF QUANTITIES			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 9/6/06	
		DRAWING NUMBER: Q-1	

ESTIMATE OF QUANTITIES 				
ITEM	DESCRIPTION	UNIT	ESTIMATE	FINAL
606.56M	RESET HPBO CORR.BM MED BARRIER	M	27.5	27.44
606.5920M	RESET BOX BEAM GR END ASSEMBLY	EA	1.0	1.00
25606.691001M	REM & STORE END. TERM HPBO GR.	EA	1.0	1.00
606.71M	REM & DISP CORR. BM GUIDE RAIL	M	2573.3	3,453.32
606.72M	REM & DISP CORR.BEAM MED BARR.	M	8622.0	8,599.44
606.73M	REM & DISP BOX BEAM GUIDE RAIL	M	224.0	223.40
606.7510M	REM & DISP CONC BARR-HALF SECT	M	52.0	51.80
606.7910M	REM & DISP ANCHOR UNIT/CORR GR GUIDE RAIL AND MED. BARRIER	EA	27.0	26.00
606.7920M	REM & DISP BOX BM GR END ASSEM	EA	4.0	4.00
25606.8103M	REM & DISP GR TRANS CORR.BM TO BOX(1 OR 2 WAY) INCL ANCH UNIT	EA	3.0	3.00
606.89M	G.R. TRANS. BOX BM TO HVY POST BLCKED-OUT CORR. BM	EA	1.0	1.00
606.9401M	PIER PROTECTION (1 WAY)	M	62.0	61.80
606.9601M	MEDIAN BARRIER TRAN WEAK-POST CORR BEAM TO HVYPOST BCKOUT	EA	8.0	7.00
607.19M	RIGHT-OF-WAY FENCING	M	450.0	422.00
607.3102M	OPT CHAIN-LINK FENCE, TYPE I W/ TOP TENS WIRE 1830MM HIGH	M	2160.0	2,175.21
25607.96M	REM & DISPOSE EXISTING FENCE	M	781.0	786.00
25608.010102M	RESET WORK PAD	EA	1.0	1.00
610.0203M	ESTABLISHING TURF	SM	51300.0	47,683.94
613.0101M	TOPSOIL	CM	3700.0	3,577.13
614.0342M	TREE RMVL OVR 450MM TO 600MM DIA BRST HGH STUMPCUT FLUSH	EA	3.0	5.00
614.0352M	TREE RMVL OVER 600MM TO 900MM DIA BREAST HIGH STUMPCUT FLUSH	EA	11.0	11.00
614.0353M	TR REMVL OV 600MM TO 900MM DIA BRST HGH STMP CUT 150 MM B G	EA	1.0	1.00
619.01M	BASIC MAINTENANCE & PROTECTION OF TRAFFIC	LS	NEC	100
619.02M	CONSTRUCTION SIGNS	LS	NEC	100
619.0303M	FLASHING ARROW BOARDS	LS	NEC	100
15619.1504M	SHORT-TERM PAVE. MARK (TOP CR)	M	7200.0	4,517.94
619.17M	TEMPORARY CONCRETE BARRIER	M	183.0	176.80
25619.1706M	LINEAR DELINEATION SYSTEM	M	73.0	72.60
15619.6730M	LIGHTING FOR NIGHTTIME OPER.	LS	NEC	100
25619.96M	SPEED DISPLAY TRAILER	EA	1.0	1.00
620.02M	STONE FILLING (FINE)	CM	13.1	14.25

ESTIMATE OF QUANTITIES 				
ITEM	DESCRIPTION	UNIT	ESTIMATE	FINAL
620.03M	STONE FILLING (LIGHT)	CM	27.0	26.40
623.03M	CRUSHED STONE (BY WEIGHT)	MT	541.0	679.43
625.01M	SURVEY AND STAKEOUT	LS	NEC	100
25634.1003M	PORT.VMS UNIT (REMOTE OPERATE)	EA	2.0	2.00
25637.080102M	ENGINEER'S OFFICE - TYPE D	MOS	12.0	5.50
645.7102M	GND MTD SIGN,MUTCD R,P,W,M CL2	SM	0.5	0.50
645.830202M	TYPE B SIGN PT, GALV W150X13.5 SECTION, BI-DIRECTIONAL BASE	EA	2.0	2.00
25646.0625M	INSTALL TENTH MILE MARKERS	EA	2.0	2.00
25646.0801M	INST SNOWLOW MARKER SINGLE UNIT	EA	20.0	20.00
25646.0802M	INST SNOWLOW MARKER, DBL UNIT	EA	42.0	42.00
25646.1020M	RESET EXST 1/10 MP MRK-NEW PST	EA	2.0	6.00
25646.1032M	REM & RESET EXIST DELINEATORS, SNOWPLW-TENTH MILE & MILE MRKS	EA	76.0	191.00
647.12M	RELOCATING SIGNS SIZE B (1.1 TO 2.0 SM)	EA	2.0	2.00
647.15M	RELOCATING SIGNS - SIZE E (OVER 10.0 SM)	EA	1.0	1.00
03647.83M	RMVL & DSPSL OF DELIN AND/OR REFRNCE MRKRS	EA	40.0	0.00
655.0301M	FRAMES & GRATES (PARALLEL BAR)	SM	4.4	4.40
680.520708M	TRFFC SGNL CONDT, RIGID PLSTC, CLASS 1 OR 2, 3 NPS	M	16.5	7.92
680.54M	INDUCTANCE LOOP INSTALLATION	M	82.0	104.02
680.72M	INDUCTANCE LOOP WIRE	M	400.0	397.86
25680.803302M	RELOCATE TMS EQUIPMENT	EA	1.0	1.00
25685.1106M	WHITE EPOXY REFLECT PAVEMENT STRIPES 150 MM X 0.51 MM	M	30600.0	29,668.00
25685.1206M	YELLOW EPOXY REFLECT PAVEMENT STRIPES 150 MM X 0.51 MM	M	24500.0	23,892.00
697.0201M	FIELD CHANGE ORDER (FCO)	D-C	275000.0	0.00
698.04M	ASPHALT PRICE ADJUSTMENT	D-C	39400.0	0.00
698.05M	FUEL PRICE ADJUSTMENT	D-C	12638.0	47,478.55
698.06M	STEEL / IRON PRICE ADJUSTMENT	D-C	1000.0	0.00
25699.04M	MOBILIZATION	LS	NEC	100

8/108	FINAL QUANTITIES		
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 235.5 TO 240.9			
TITLE OF DRAWING ESTIMATE OF QUANTITIES			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 9/21/06	
		DRAWING NUMBER: Q-2	

IN CHARGE OF: A. MASTROIANNI
DESIGNED BY: B. KOSLOSKE
DRAFTED BY: J. DISHON
CHECKED BY: A. MASTROIANNI
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GENERAL NOTES

1. MATERIAL AND CONSTRUCTION SPECIFICATIONS: CONSTRUCTION AND MATERIALS SHALL CONFORM TO NEW YORK STATE DEPARTMENT OF TRANSPORTATION, OFFICE OF ENGINEERING, STANDARD SPECIFICATIONS, DATED JANUARY 2, 2002. EXCEPT AS MODIFIED IN THESE PLANS AND BY THE PROPOSAL.
2. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE HIS WORK WITH OTHER CONTRACTORS AND AUTHORITY MAINTENANCE FORCES, AND HE SHALL SCHEDULE HIS OPERATIONS SO AS TO CAUSE A MINIMUM DISRUPTION TO TRAFFIC.
3. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT NO EMBANKMENT AREA FOR SURPLUS MATERIALS IS AVAILABLE FOR THIS CONTRACT WITHIN THE AUTHORITY'S RIGHT-OF-WAY. THEREFORE, ALL MATERIAL TO BE REMOVED FROM THE JOB SITE SHALL BE DISPOSED OF BY THE CONTRACTOR OFF THE AUTHORITY'S PROPERTY. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL AND STATE REGULATIONS THAT APPLY TO THE AREA CHOSEN FOR THE DISPOSAL OF THIS MATERIAL. ALL COSTS ASSOCIATED WITH THE SPOIL AREA AND REMOVAL OF SPOIL MATERIAL SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE CONTRACT.

RECONSTRUCTION NOTES

1. THE CONTRACTOR SHALL EXAMINE AND VERIFY, IN THE FIELD, ALL CONDITIONS AND DIMENSIONS. DIMENSIONS OF THE EXISTING STRUCTURES SHOWN ON THESE PLANS ARE FOR GENERAL REFERENCE ONLY. THEY HAVE BEEN TAKEN FROM THE ORIGINAL CONSTRUCTION OR SUBSEQUENT REHABILITATION DRAWINGS AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL TAKE ALL SUCH FIELD MEASUREMENTS TO ASSURE PROPER FIT OF THE FINISHED WORK, AND THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY. IF FIELD CONDITIONS AND DIMENSIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL USE THE FIELD CONDITIONS AND DIMENSIONS AND MAKE THE APPROPRIATE CHANGES TO THOSE SHOWN ON THE PLANS, AS APPROVED BY THE ENGINEER. WHEN SHOP DRAWINGS BASED ON FIELD MEASUREMENTS ARE SUBMITTED FOR APPROVAL, THE FIELD MEASUREMENTS MADE SHALL BE INDICATED ON THE SHOP DRAWINGS SUBMITTED FOR REFERENCE OF THE REVIEWER.
2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THAT FACT THAT, DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.
3. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO THE EXISTING FACILITY CAUSED BY HIS OPERATIONS WHICH IS NOT INCLUDED AS PART OF THE INTENDED WORK. ALL DAMAGE TO THE EXISTING FACILITY WHICH IS NOT PART OF THE INTENDED WORK SHALL BE REPAIRED BY THE CONTRACTOR WITHOUT COST TO THE AUTHORITY, AND TO THE SATISFACTION OF THE ENGINEER.
4. THE CONTRACTOR SHALL CONDUCT HIS REMOVAL OPERATIONS TO THE SATISFACTION OF THE ENGINEER SO AS NOT TO UNOULY DISTURB UNDERLYING MATERIALS WHICH ARE TO REMAIN IN PLACE. THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE AUTHORITY, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE AUTHORITY, THE DAMAGED MATERIAL SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.

REMOVAL, EXCAVATION AND BACKFILL NOTES

1. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORTS, BRACING AND OTHER DEVICES REQUIRED OR DIRECTED BY THE ENGINEER TO PROTECT THE SAFETY OF THE ADJACENT STRUCTURES, ROADWAY AND UTILITIES.
2. CARE SHALL BE TAKEN TO RETAIN NATURAL GROWTH AND PREVENT DAMAGE TO TREES WITHIN AND OUTSIDE THE LIMITS OF CONSTRUCTION, AND NOT SCHEDULED FOR REMOVAL. ANY DAMAGE CAUSED TO THIS NATURAL GROWTH SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
3. SHOULDER AREAS DISTURBED BY THE CONTRACTOR, AS PART OF THE WORK TO BE PERFORMED UNDER THIS CONTRACT, SHALL BE RESTORED AS SPECIFIED AND TO THE SATISFACTION OF THE ENGINEER. ALL THE DISTURBED GRASS AREAS SHALL BE GRADED IN A MANNER APPROVED BY THE ENGINEER AND SEEDED AS SPECIFIED IN THE STANDARD SEEDING ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS IN THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
4. STREAM CONSERVATION: THE CONTRACTOR SHALL CONDUCT HIS/HER OPERATIONS TO THE SATISFACTION OF THE ENGINEER TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT OR OTHER FOREIGN MATERIAL, OR FROM THE MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH STREAMS. HE/SHE SHALL NOT RETURN DIRECTLY TO A STREAM, OR TO A DITCH IMMEDIATELY FLOWING INTO A STREAM, ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH COULD CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF HE/SHE USES WATER FROM A STREAM, HE/SHE SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM. THESE TEMPORARY MEASURES SHALL BE REMOVED AND THE AREA RESTORED AT THE COMPLETION OF THE WORK.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES

1. MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE COMPLIED WITH THROUGHOUT THE LENGTH AND DURATION OF THE CONTRACT IN ACCORDANCE WITH "THE NYS CODES, RULES, AND REGULATIONS, TITLE 17(B)-DEPARTMENT OF TRANSPORTATION, CHAPTER V- UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)" AND THE CONTRACT DOCUMENTS.
2. DISTANCES SHOWN ARE APPROXIMATE ONLY AND MAY BE REVISED BY THE ENGINEER-IN-CHARGE TO MEET FIELD CONDITIONS (DRIVEWAYS, HIGHWAY ALIGNMENT, ETC.).
3. THE SIGNING SHOWN IS A MINIMUM ONLY. ADDITIONAL SIGNING MAY BE REQUIRED TO MEET TRAFFIC AND/OR FIELD CONDITIONS.
4. THE COST OF FURNISHING AND INSTALLING ALL SIGNS SHALL BE PAID FOR UNDER ITEM 619.02M - CONSTRUCTION SIGNS.

UTILITY NOTES

1. LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, INDICATED AS EXISTING AND/OR TO BE CONSTRUCTED AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THEIR EXACT LOCATION SHALL BE DETERMINED IN THE FIELD. ADDITIONAL UTILITY LINES, WHETHER ABANDONED OR IN SERVICE, MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT HIS OPERATIONS AND TAKE THE NECESSARY PRECAUTIONS TO PREVENT INTERFERENCE WITH OR DAMAGE TO THESE OR OTHER FACILITIES DURING THE COURSE OF CONSTRUCTION.
2. IN THE EVENT THE CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN SAID SERVICE, HE SHALL IMMEDIATELY COMMENCE WORK TO RESTORE SERVICE AND MAY NOT CEASE HIS WORK OPERATION UNTIL SERVICE IS RESTORED.
3. THE METHOD OF REMOVAL OF EXISTING ROADWAY OR SHOULDER PAVEMENT IN THE IMMEDIATE VICINITY OF UNDERGROUND UTILITIES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

MISCELLANEOUS NOTES

1. THE CONTRACTOR IS ADVISED THAT ADDITIONAL "NOTES" WILL BE FOUND ON SUBSEQUENT SHEETS OF THE CONTRACT PLANS AND SUCH "NOTES", WHILE PERTAINING TO THE SPECIFIC SHEETS THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.
2. NO ADDITIONAL PAYMENT WILL BE MADE FOR WORK CALLED FOR BY NOTES ON THE PLANS OR IN THE SPECIFICATIONS UNLESS PAYMENT IS SPECIFICALLY INDICATED BY ITEM NUMBER. THE COST OF WORK FOR WHICH NO PAYMENT ITEM IS INDICATED, SHALL BE INCLUDED IN THE UNIT PRICES BID FOR VARIOUS ITEMS OF THIS CONTRACT.
3. WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THE AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS.
4. THE CONTRACTOR SHALL PROTECT HIS WORKERS AT ALL TIMES IN CONFORMANCE WITH APPLICABLE OSHA REGULATIONS.
5. PROTECTION OF THE PUBLIC: THE CONTRACTOR SHALL MAINTAIN AND PROTECT AUTHORITY TRAFFIC IN ACCORDANCE WITH ITEM 619.01M, THE TRAFFIC CONTROL SHEETS AND PERTINENT PROVISIONS OF THE NEW YORK STATE CODES RULES AND REGULATIONS - TITLE 17 "B" DEPARTMENT OF TRANSPORTATION CHAPTER V - UNIFORM TRAFFIC CONTROL DEVICES - (2001 EDITION). THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS OF SECTION 107, LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC, OF THE STANDARD SPECIFICATIONS DATED JANUARY 2, 2002 INCLUDING CURRENT ADDITIONS AND MODIFICATIONS.
6. THE CONTRACTOR IS TO VISIT THE SITE BEFORE BIDDING, TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO JUDGE FOR HIMSELF THE EXTENT AND NATURE OF THE WORK TO BE DONE UNDER THE CONTRACT. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR BECAUSE OF THE CONTRACTOR'S FAILURE TO INCLUDE IN HIS BID ALL ITEMS AND MATERIALS WHICH HE IS REQUIRED TO FURNISH IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR IS ADVISED THAT HE MUST HAVE IN HIS POSSESSION, A SET OF CONTRACT PLANS/PROPOSAL FOR IDENTIFICATION PURPOSES WHEN CONDUCTING THIS SITE VISIT.

NON-STANDARD MEDIAN BARRIER/GUIDE RAIL POST SPACING

NON STANDARD POST SPACING MAY BECOME NECESSARY AT CROSS CULVERTS, D.I's, ETC. IN CONSTRUCTING A NON-STANDARD POST SPACING, THE NORMAL POST SPACING OF THE RAIL SYSTEM SHALL NOT BE EXCEEDED. ANY NON STANDARD POST SPACING MUST BE LESS THAN THE STANDARD POST SPACING BUT MORE THAN 1/2 THE STANDARD POST SPACING. A SPECIAL FIELD DRILLED (NOT BURNED) MOUNTING HOLE WILL BE REQUIRED FOR THE CONNECTION. THE COST OF THIS WORK, INCLUDING FURNISHING AND INSTALLING ANY ADDITIONAL POSTS, BLOCKOUTS, HARDWARE, ETC., SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPROPRIATE MEDIAN BARRIER/GUIDE RAIL ITEM.

WARNING: UNDERGROUND FIBER OPTIC CONDUITS

EXISTING ADESTA COMMUNICATIONS FIBER OPTIC CONDUITS CAN BE FOUND WITHIN THE ENTIRE WORK LIMITS OF THIS PROJECT. THE CONTRACTOR IS ADVISED TO CONTACT DIG SAFELY NEW YORK AT 1-800-962-7962 PRIOR TO ANY EXCAVATION/ GUIDE RAIL INSTALLATION.


EXISTING MILE MARKERS / TENTH-MILE MARKERS

NOTE: APPROXIMATE LOCATIONS OF EXISTING MILE MARKERS AND TENTH-MILE MARKERS ARE SHOWN ON THE PLANS. THE MARKER LOCATIONS SHOWN ON THE PLANS ARE NOT TO BE USED FOR LAYING OUT LENGTH-OF-NEED FOR PROPOSED GUIDE RAIL OR MEDIAN BARRIER. ALL PROPOSED GUIDE RAIL SHOULD BE STAKED OUT FROM EXISTING FIXED FEATURES AS SHOWN IN THE PLANS.

WORK TO BE DONE:

THE FOLLOWING IS A GENERAL DESCRIPTION OF WORK TO BE DONE UNDER THIS CONTRACT WITHIN THE WORK LIMITS SHOWN BELOW. THE INTENT IS TO GIVE THE CONTRACTOR A GENERAL DESCRIPTION OF THE WORK INVOLVED AND IS NOT A COMPLETE LISTING OF THE WORK TO BE DONE. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

1. PERFORM MAINTENANCE AND PROTECTION OF TRAFFIC AS INDICATED IN THE CONTRACT DOCUMENTS AND AS ORDERED BY THE ENGINEER.
2. SELECT FULL DEPTH PAVEMENT/JOINT REPAIRS.
3. MILL AND INLAY.
4. SAW AND SEAL JOINTS.
5. MEDIAN SLOPE FLATTENING AND MEDIAN RAIL INSTALLATION
6. GUIDE RAIL INSTALLATION & MODIFICATIONS.
7. DRAINAGE IMPROVEMENTS.
8. CULVERT REPAIRS, RE-ESTABLISHING DITCHES, AND SLOPE FLATTENING.
9. R.O.W. FENCE AND CHAIN LINK FENCE INSTALLATION.
10. PAVEMENT STRIPING AND MISCELLANEOUS WORK.

2001 10-23	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING GENERAL NOTES			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 8/28/06	
		DRAWING NUMBER: GN-1	

IN CHARGE OF: A. MASTROIANNI
DESIGNED BY: B. KOSLOSKE
DRAFTED BY: CAD
CHECKED BY: A. MASTROIANNI
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ALIGNMENT	
AH	= AHEAD
AZ	= AZIMUTH
BK	= BACK
B	= BASELINE
BRG	= BEARING
C	= CENTERLINE
e	= CROSS SLOPE
EOP	= EDGE OF PAVEMENT
EOS	= EDGE OF SHOULDER
EQ	= EQUALITY
EXT	= EXTERNAL
HCL	= HORIZONTAL CONTROL LINE
L	= LENGTH OF CIRCULAR CURVE
LVC	= LENGTH OF VERTICAL CURVE
MC	= CENTER CORRECTION OF VERTICAL CURVE
PC	= POINT OF CURVATURE
PI	= POINT OF INTERSECTION
POL	= POINT ON LINE
POR	= POINT OF ROTATION
PT	= POINT OF TANGENT
PVC	= POINT OF VERTICAL CURVE
PVI	= POINT OF VERTICAL INTERSECTION
PVT	= POINT OF VERTICAL TANGENT
R	= RADIUS
STA	= STATION
T	= TANGENT LENGTH
TGL	= THEORETICAL GRADE LINE
VC	= VERTICAL CURVE
TOPOGRAPHY (DRAINAGE)	
BC	= BOTTOM OF CURB
CB	= CATCH BASIN
CIP	= CAST IRON PIPE
C STRM	= CENTERLINE OF STREAM
CMP	= CORRUGATED METAL PIPE
CP	= CONCRETE PIPE
CSP	= CORRUGATED STEEL PIPE
CULV	= CULVERT
D.I.	= DROP INLET
DIA	= DIAMETER
DMH	= DRAINAGE MANHOLE
DS	= DRAINAGE STRUCTURE
EL	= ELEVATION
ELEV	= ELEVATION
ES	= END SECTION
HW	= HEADWALL
INV	= INVERT
MH	= MANHOLE
SICPP	= SMOOTH INTERIOR CORRUGATED PE PIPE
RCP	= REINFORCED CONCRETE PIPE
TB	= TOP OF BANK (STREAM)
TC	= TOP OF CURB
TF	= TOP OF FRAME
UTILITIES	
E	= ELECTRIC
EMH	= ELECTRIC MANHOLE
G	= GAS
GP	= GUY POLE
GSB	= GAS SERVICE BOX (HOUSE LINE)
GV	= GAS VALVE (MAIN LINE)
HYD	= HYDRANT
LP	= LIGHT POLE
LPG	= LOW PRESSURE GAS
OHE	= OVERHEAD ELECTRIC LINE
OETL	= OVERHEAD ELECTRIC TRANSMISSION LINE
PP	= POWER POLE
SA	= SANITARY SEWER
SMH	= SANITARY MANHOLE
ST	= STORM SEWER
T	= TELEPHONE
TCB	= TRAFFIC CONTROL BOX
TELBOX	= TELEPHONE BOX
TEL P	= TELEPHONE POLE
TMH	= TELEPHONE MANHOLE
W	= WATER
WV	= WATER VALVE (MAIN LINE)

FEATURE	SYMBOL	
	EXISTING	PROPOSED
SURVEY DATA		
COORDINATE GRID		
SPOT ELEVATION	+ 103.2	
BENCH MARK	B.M. 12	
BASELINE POINT		
POINT ON LINE (POL)		
NORTH ARROW (GRID)		
NORTH ARROW (MAGNETIC)		
BASELINE		
CENTERLINE		
CONTOURS		
MAJOR ELEVATION CONTOUR		
MINOR ELEVATION CONTOUR		
DEPRESSION		
TOPOGRAPHY		
CUT LIMITS		
FILL LIMITS		

GUIDERAIL, DRAINAGE & MISCELLANEOUS	
AVG	= AVERAGE
CBGR	= CORRUGATED BEAM GUIDE RAIL
CBMB	= CORRUGATED BEAM MEDIAN BARRIER
BBGR	= BOX BEAM GUIDE RAIL
BBMB	= BOX BEAM MEDIAN BARRIER
HPBO	= HEAVY POST BLOCKED-OUT
MP	= MILE POST
SECTION SYMBOL = SECTION DESIGNATION PLAN DRAWING NUMBER	

TOPOGRAPHY	
AOBE	= AS ORDERED BY ENGINEER
ASPH	= ASPHALT
BDY	= BOUNDARY
BLDG	= BUILDING
BM	= BENCH MARK
CC	= CENTER TO CENTER
CONC	= CONCRETE
DM	= DIRECT MEASUREMENT
DWY	= DRIVEWAY
EP	= EDGE OF PAVEMENT
ES	= EDGE OF SHOULDER
FP	= FLAG POLE
HWY	= HIGHWAY
IP	= IRON PIN OR IRON PIPE
MON	= MONUMENT
O/H	= OVERHEAD
PAV'T	= PAVEMENT
PE	= PERMANENT EASEMENT
RTE	= ROUTE
ROW	= RIGHT OF WAY
ROW W/A	= RIGHT OF WAY WITH ACCESS
ROW WO/A	= RIGHT OF WAY WITHOUT ACCESS
SH	= STATE HIGHWAY
SW	= SIDEWALK
TE	= TEMPORARY EASEMENT
U/G	= UNDERGROUND

FEATURE	SYMBOL	
	EXISTING	PROPOSED
ROUTE MARKERS		
INTERSTATE		
STATE		
COUNTY		
COUNTY TOURING ROUTE SHIELD		
U.S.		
ROADS		
PAVED ROADWAY		
SIDEWALK		
CURB/DROP CURB AS EOP		
GUIDE RAIL OR BARRIER		
TRAFFIC ATTENUATOR		
BOX BEAM OR "W" BEAM RAIL		
BOX BEAM OR "W" BEAM MED. BARR.		
CONCRETE BARRIER		
FENCE		
GUIDE POSTS		
SIGNS AND BILLBOARDS		
SIGN (GROUND MOUNTED)		
SIGN (OVERHEAD)		
BILLBOARD, TWO POST SIGN		
NEW SIGN		
SIGN REMOVAL		
SIGN TO BE RELOCATED		
WATER LOCATIONS		
STREAM OR RIVER		
INTERMITTENT STREAM		
SPRING		
MARSH OR SWAMP		
EDGE OF WATERWAY OR FEATURE		
TREES AND BRUSH		
DECIDUOUS TREE		
CONIFEROUS TREE		
DECIDUOUS BUSH		
CONIFEROUS BUSH		
TREE TO BE REMOVED		
BRUSH LINE		
TEMP. SOIL EROSION CONTROLS		
TEMPORARY STONE CHECK DAM		
TEMP. PREFABRICATED CHECK DAM		
TEMPORARY SILT FENCE		
TEMPORARY DRAINAGE STRUCTURE INLET PROTECTION (SILT FENCE)		

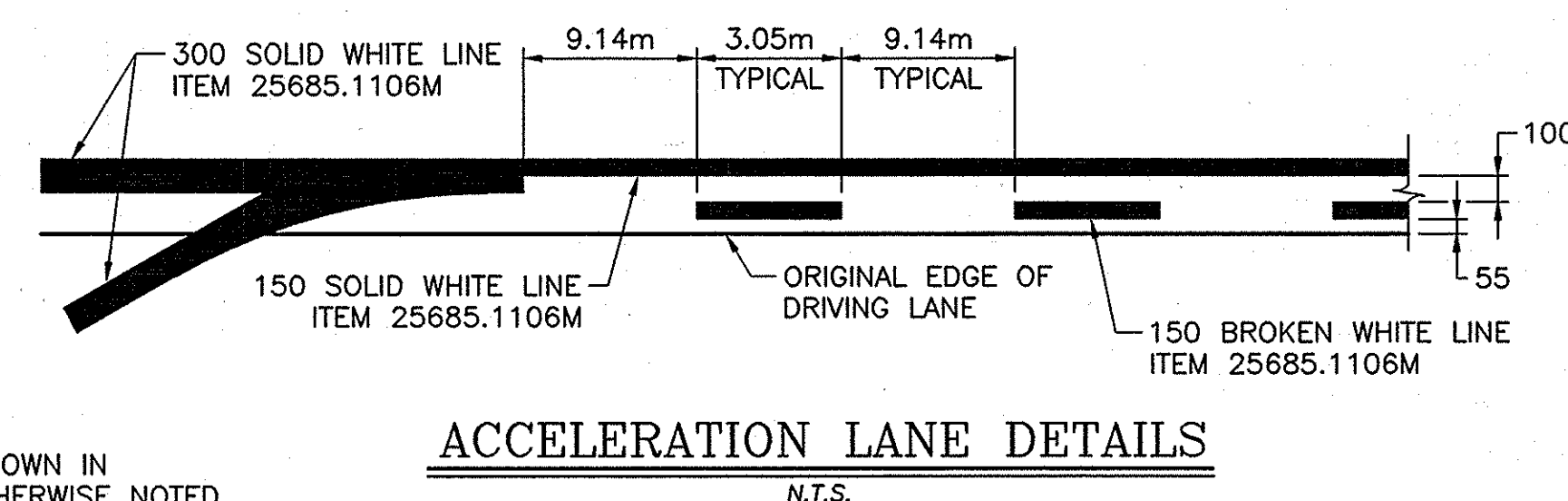
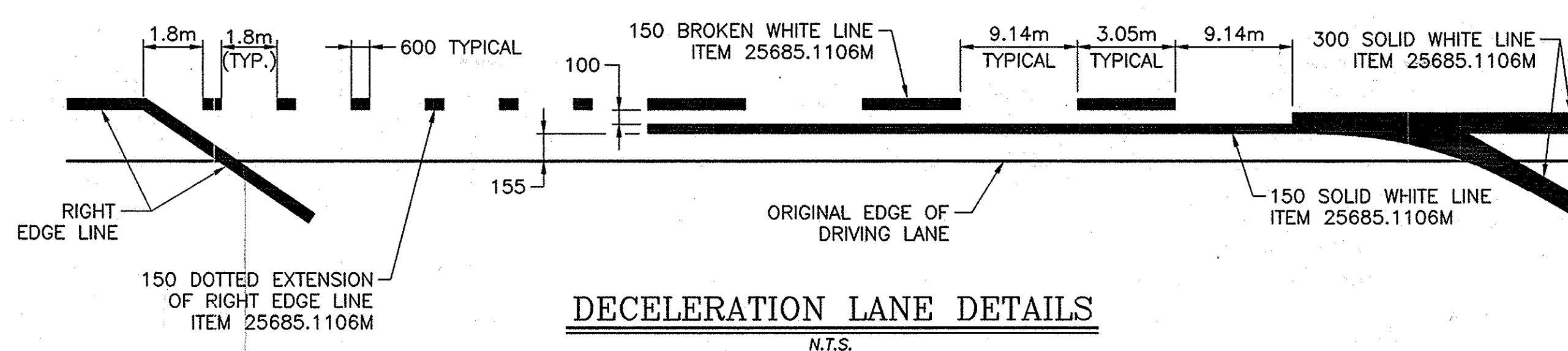
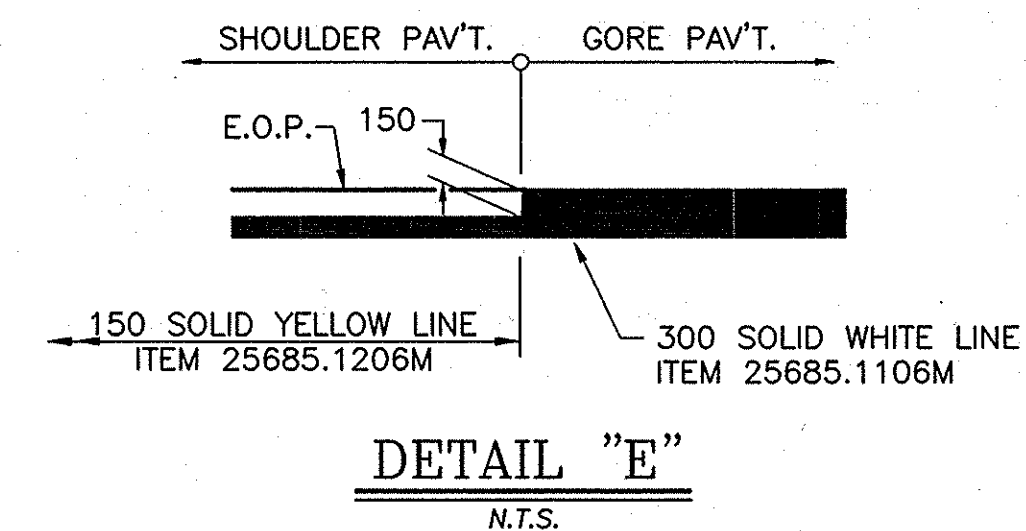
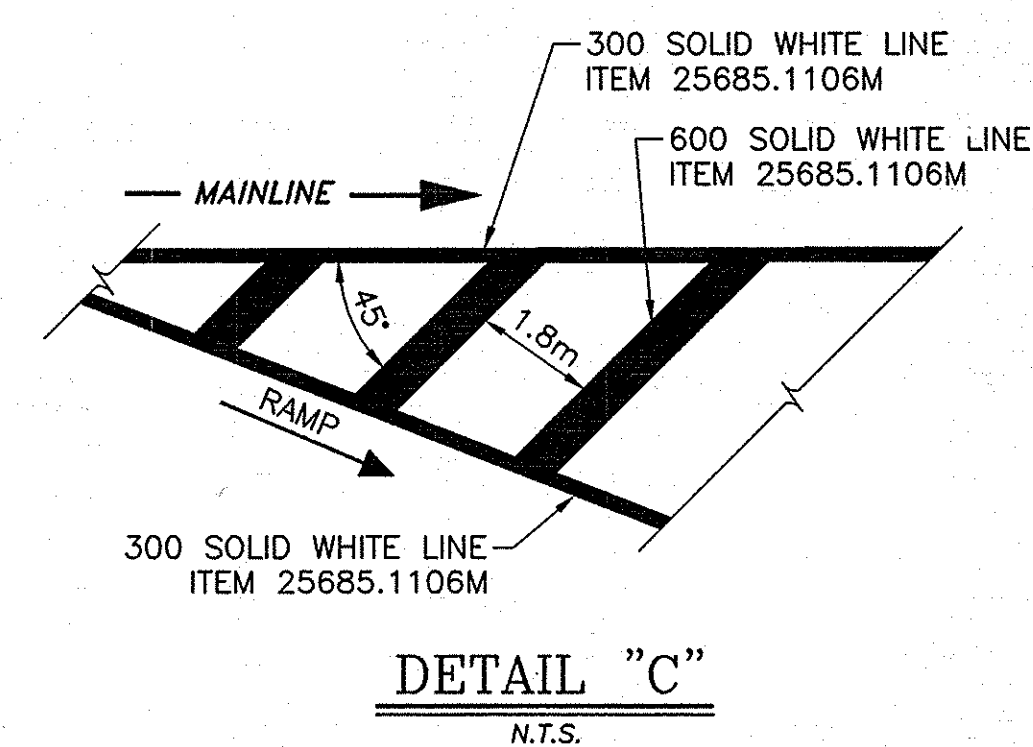
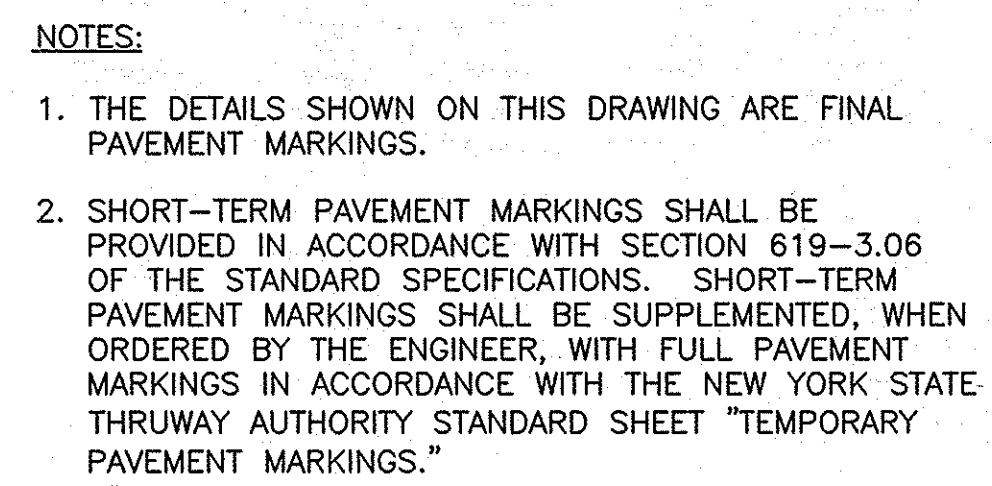
FEATURE	SYMBOL	
	EXISTING	PROPOSED
DRAINAGE FACILITIES		
CULVERT		
DRAINAGE STRUCTURE		
GRATE		
DITCH LINE		
HEADWALL		
END SECTION		
RIP-RAP		
SANITARY SEWER		
STORM SEWER		
UTILITY LINES		
UNDERGROUND ELECTRIC		
OVERHEAD ELECTRIC		
UNDERGROUND TELEPHONE		
OVERHEAD TELEPHONE		
UNDERGROUND FIBER OPTIC		
GAS		
WATER		
PULL BOX FIBER OPTIC		
GEOTECHNICAL		
BORING LOCATION		
BUILDING AND SPECIAL SITES		
BUILDING		
UNDERPASS		
MAILBOX		
POST, FLAGPOLE, FENCE POST		
POLE (NON-UTILITY)		

FEATURE	SYMBOL	
	EXISTING	PROPOSED
UTILITIES ABOVE GROUND		
UTILITY POLE		
UTILITY POLE WITH LIGHT		
GUY WIRE W/ANCHOR		
LIGHT POLE		
PULLBOX STREET LIGHTS		
TRAFFIC SIGNAL POLE		
UTILITY BOX		
TELEPHONE BOOTH		
ELECTRIC METER		
GAS METER		
WATER METER		
FIRE HYDRANT		
GAS LINE MARKER		
GUY WIRE		
WATER MANHOLE		
SANITARY SEWER MANHOLE		
TELEPHONE MANHOLE		
GAS MANHOLE		
WATER VALVE		
GAS VALVE		
BOUNDARIES		
HIGHWAY BOUNDARY		
PROPERTY LINE		
PROPERTY LINE MARKER		
EASEMENT LINE		
RIGHT OF WAY LINE & MON.		
ACCESS INFORMATION		


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

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

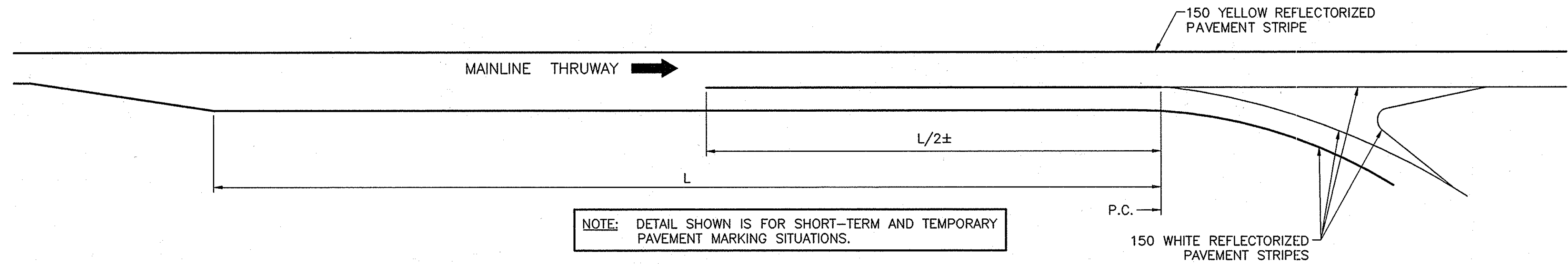
10-29	NO AS BUILT REVISIONS	Sandra Lewis	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY 1R SAFETY IMPROVEMENTS & MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 TO 240.9			
TITLE OF DRAWING LEGEND & ABBREVIATIONS			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	8/7/06
		DRAWING NUMBER:	L-1



NOTE:
ALL DIMENSIONS ARE SHOWN IN
MILLIMETERS UNLESS OTHERWISE NOTED.

2009 10-29	NO AS BUILT REVISIONS	Sandhadario	
DATE	DESCRIPTION	BY	SYM
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS & MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING PAVEMENT STRIPING DETAILS (NEW ASPHALT PAVEMENT)			
		CONTRACT NUMBER: TAS 06-38 DATE: 12/04 DRAWING NUMBER: PMA-1	

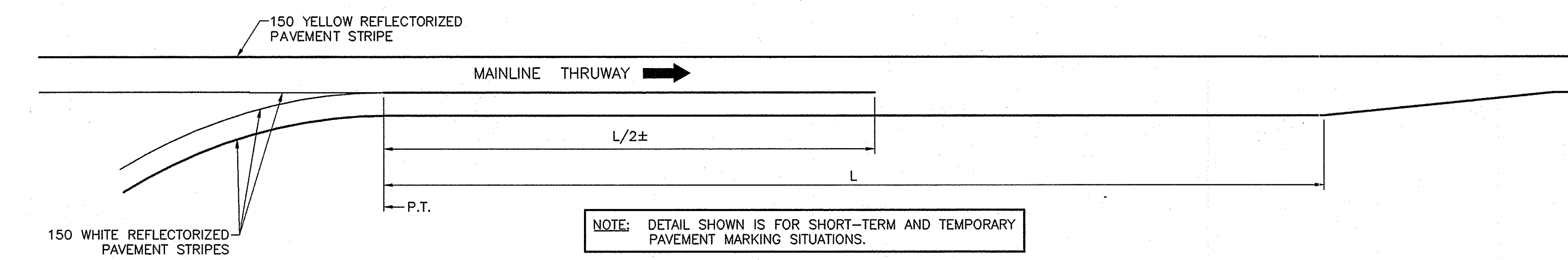
SS STRIPING-TEMP DWG
CHECKED BY: J. PECARELLA
DRAFTED BY: CAD
DESIGNED BY: B. KOSLOSKI
IN CHARGE OF: A. MASTROIANNI



NOTE: DETAIL SHOWN IS FOR SHORT-TERM AND TEMPORARY PAVEMENT MARKING SITUATIONS.

DECELERATION LANE LAYOUT

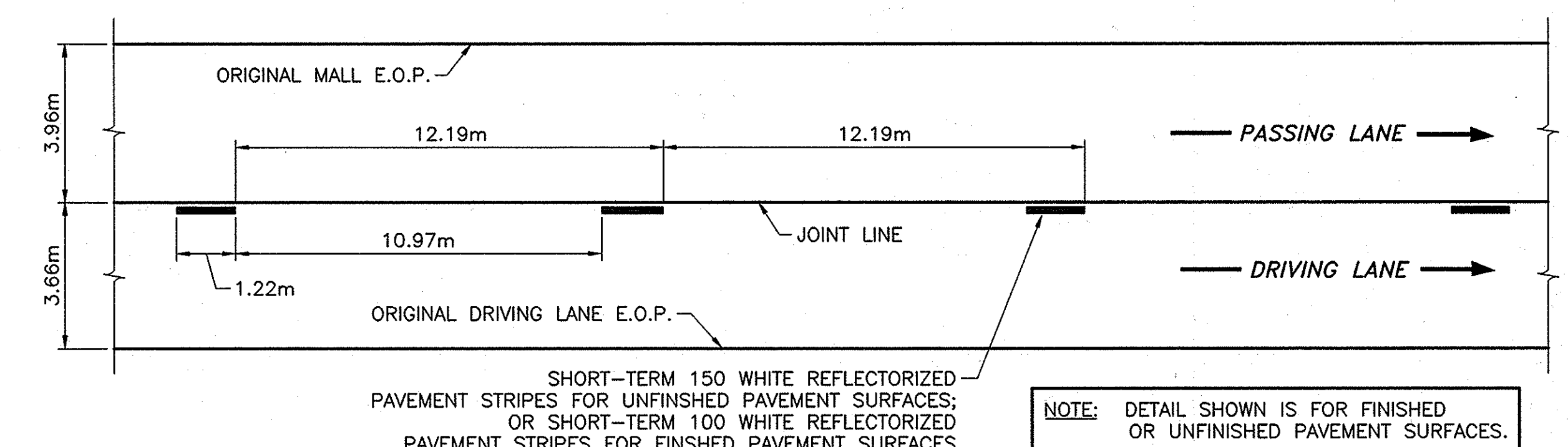
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NOTE: DETAIL SHOWN IS FOR SHORT-TERM AND TEMPORARY PAVEMENT MARKING SITUATIONS.

ACCELERATION LANE LAYOUT

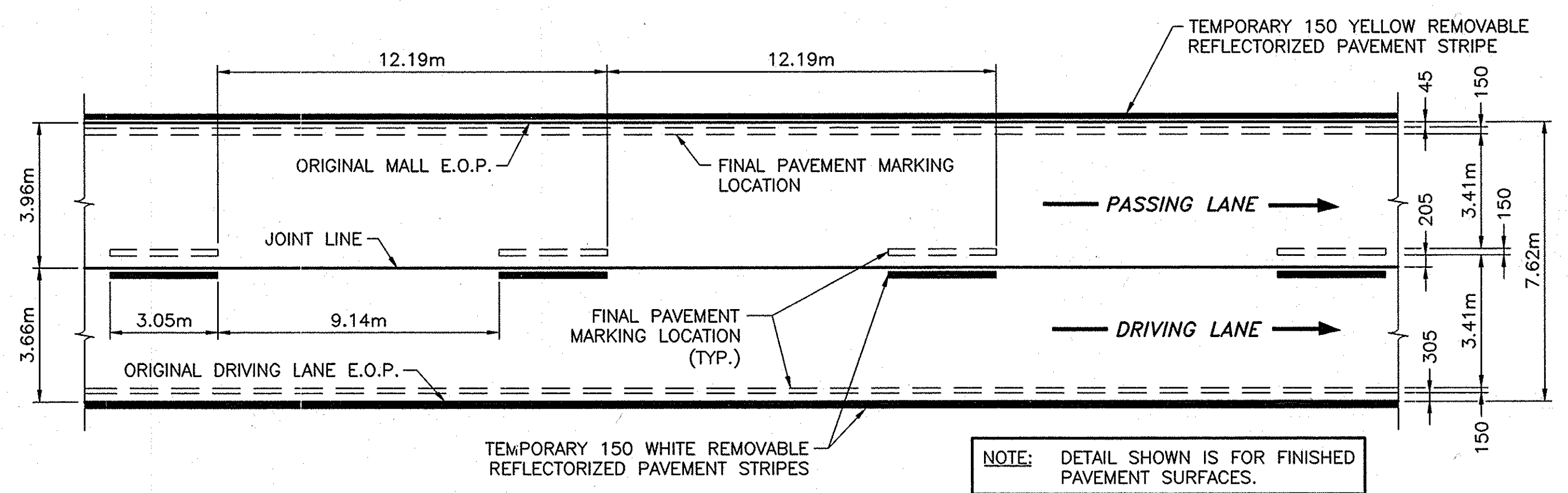
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NOTE: DETAIL SHOWN IS FOR FINISHED OR UNFINISHED PAVEMENT SURFACES.

TYPICAL PLAN SHORT-TERM PAVEMENT MARKINGS - TWO LANE

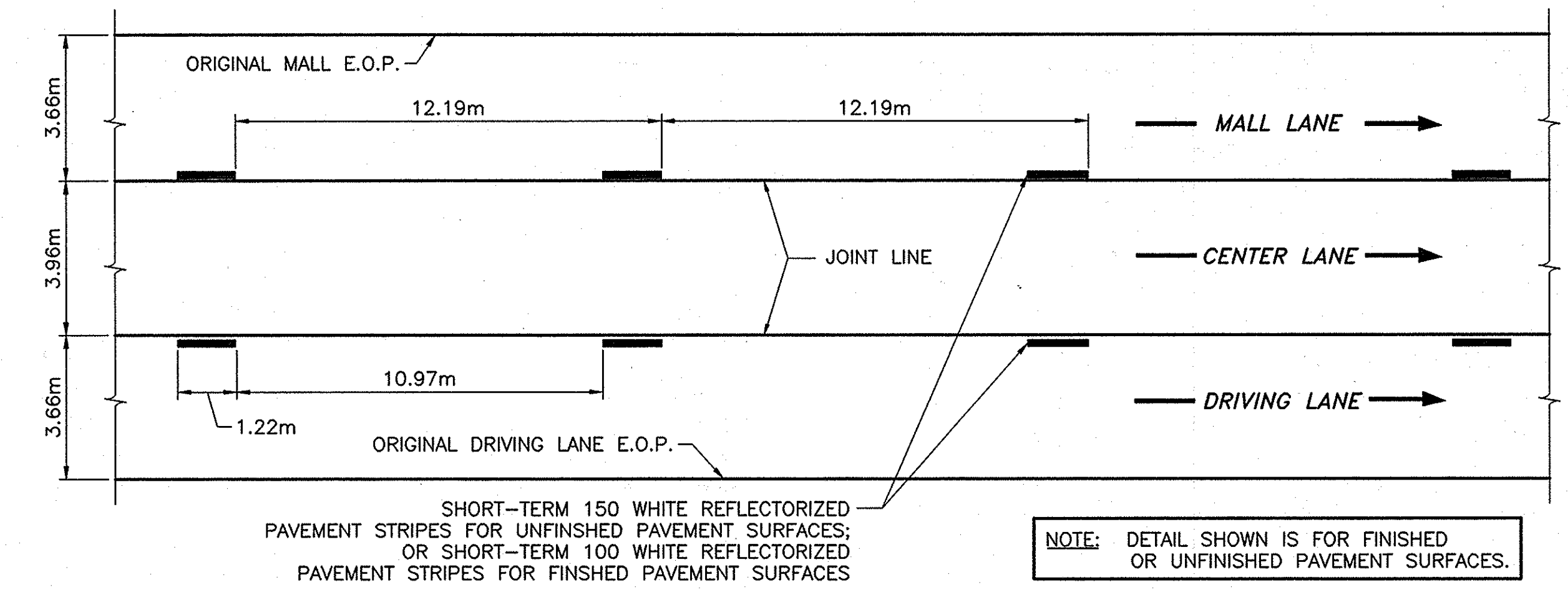
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NOTE: DETAIL SHOWN IS FOR FINISHED PAVEMENT SURFACES.

TYPICAL PLAN TEMPORARY PAVEMENT MARKINGS - TWO LANE

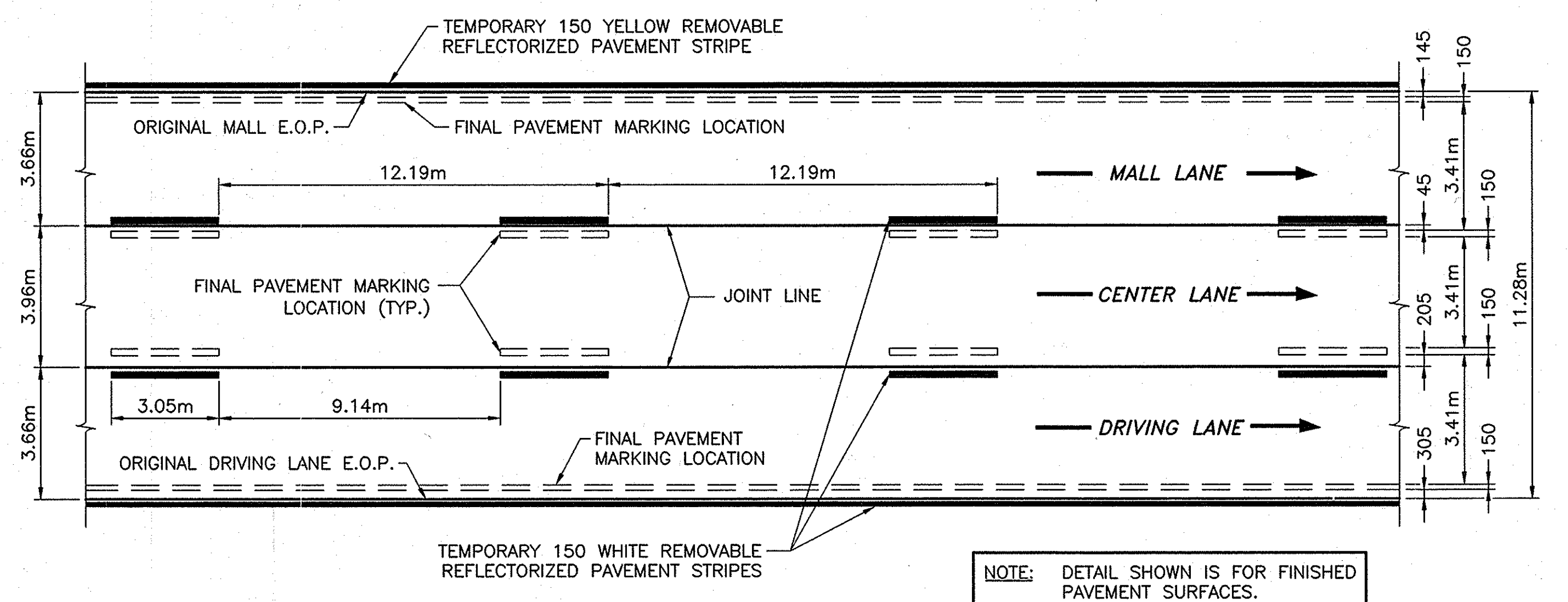
N.T.S.



NOTE: DETAIL SHOWN IS FOR FINISHED OR UNFINISHED PAVEMENT SURFACES.

TYPICAL PLAN SHORT-TERM PAVEMENT MARKINGS - THREE LANE

N.T.S.



NOTE: DETAIL SHOWN IS FOR FINISHED PAVEMENT SURFACES.

TYPICAL PLAN TEMPORARY PAVEMENT MARKINGS - THREE LANE

N.T.S.

GENERAL NOTES:

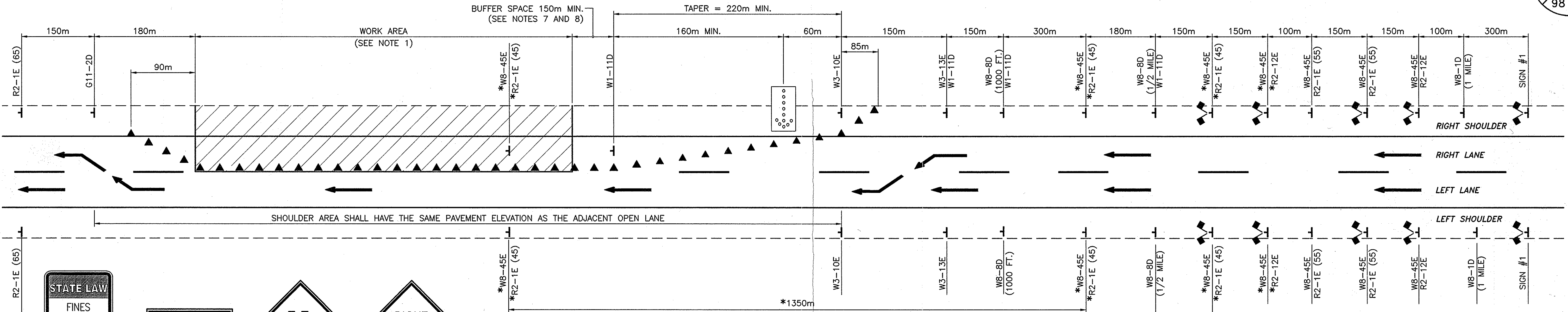
1. SHORT-TERM PAVEMENT MARKINGS, WHEN REQUIRED BY CONTRACT, SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 619-3.06 OF THE STANDARD SPECIFICATIONS. PAYMENT FOR SHORT-TERM PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH SECTION 619-5.08 OF THE STANDARD SPECIFICATIONS AND THE APPROPRIATE ITEM(S) INCLUDED IN THE CONTRACT.
2. SHORT-TERM PAVEMENT MARKINGS SHALL BE SUPPLEMENTED, WHEN REQUIRED UNDER SECTION 619-3.06, WITH TEMPORARY PAVEMENT MARKINGS AS DETAILED ON THIS DRAWING. PAYMENT FOR THE TEMPORARY PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH SECTION 619-5.08.
3. WHEN SPECIFIED IN THE CONTRACT, SHORT-TERM PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE TEMPORARY PAVEMENT MARKING PATTERN DETAILED ON THIS DRAWING. PAYMENT FOR THE PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH THE APPROPRIATE ITEM(S) INCLUDED IN THE CONTRACT.
4. PAVEMENT MARKING PAINT MAY BE USED FOR SHORT-TERM AND TEMPORARY PAVEMENT MARKINGS ON ALL UNDERLYING PAVEMENT COURSES (i.e. BASE, BINDER, LEVELING, AND SHIM). PAVEMENT MARKING PAINT SHALL NOT BE USED ON ANY FINISHED PAVEMENT SURFACE UNLESS THE LOCATION OF THE MARKINGS COINCIDE WITH FINAL PAINTED PAVEMENT MARKINGS.
5. REMOVABLE PAVEMENT MARKINGS PLACED ON FINISHED PAVEMENT SURFACES SHALL BE OFFSET 300mm FROM THE FINAL POSITION OF THE PERMANENT PAVEMENT MARKINGS.
6. OFFSETS FOR SHORT-TERM AND TEMPORARY PAVEMENT MARKINGS MAY BE ADJUSTED, WITH THE APPROVAL OF THE ASSISTANT DIVISION DIRECTOR (ENGINEERING SERVICES), TO ACCOMMODATE CONSTRUCTION STAGING.

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE NOTED.

10-29	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING SHORT-TERM AND TEMPORARY PAVEMENT MARKING DETAILS			
CONTRACT NUMBER: TAS 06-38			
DATE: 8/05			
DRAWING NUMBER: PM-T			



SS Lane Closure-DLY-65-M.dwg
CHECKED BY: J. PEGARELLA
DRAFTED BY: CAD
DESIGNED BY: B. KOSLOSKE
IN CHARGE OF: A. MASTROIANI



SIGN #1
1.2m x 1.8m
SEE NOTE #16

W1-11D
1.2m x 600mm

W3-10E
1.2m x 1.2m

W3-13E
1.2m x 1.2m

W8-1D
1.2m x 1.2m

W8-8D
1.2m x 1.2m

W8-8D
1.2m x 1.2m

W8-45E
1.2m x 400mm

R2-1E
1.2m x 1.5m

R2-1E
1.2m x 1.5m

R2-1E
1.2m x 1.5m

R2-12E
1.2m x 1.5m

G11-2D
1.2m x 600mm

WORK ZONE SPEED LIMIT POSTING GUIDELINES:

- A. FOR A DAILY LANE CLOSURE IN AN AREA WITH A NORMAL POSTED SPEED LIMIT OF 65 MPH, THE SPEED LIMIT SHALL BE REDUCED TO 55 MPH.
- B. POST THE SPEED LIMIT AT 45 MPH WHEN:
- A DROP-OFF GREATER THAN 100mm IS IMMEDIATELY ADJACENT TO TRAFFIC; OR
 - THERE ARE SIGNIFICANT SIGHT DISTANCE RESTRICTIONS, AS DETERMINED BY THE ENGINEER.

NOTE: SPEED LIMIT REDUCTION SIGNING, WHEN REQUIRED, SHALL BE COVERED OR REMOVED UPON REMOVAL OF THE DAILY LANE CLOSURE.

NOTES:

- THE MAXIMUM LENGTH OF ANY CONTINUOUS LANE CLOSURE SHALL NOT EXCEED 4.8 KILOMETERS (3.2 KILOMETERS FOR MILL AND FILL PROJECTS). ALL TRAFFIC SHALL BE RE-ESTABLISHED TO ITS NORMAL LANE CONFIGURATION FOR A MINIMUM 3.2 KILOMETERS PRIOR TO A SUCCESSIVE LANE CLOSURE. ALL LANE CLOSURES SHALL BE SUBJECT FOR REVIEW AND APPROVAL BY THE ENGINEER.
- ALL SIGNS MAY BE FOUND IN THE NEW YORK STATE CODES, RULES AND REGULATIONS, TITLE 17(B) - DEPARTMENT OF TRANSPORTATION, CHAPTER V - UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL "W" SERIES SIGNS SHALL BE BLACK ON FLUORESCENT ORANGE. ALL REFLECTORIZED SIGN BACKGROUNDS SHALL BE CLASS "B" OR "C" REFLECTIVE SHEETING.
- THE PLAN SHOWN IS FOR A RIGHT LANE CLOSURE. THIS PLAN SHALL BE MODIFIED FOR A LEFT LANE CLOSURE BY CHANGING SIGNS W1-11D TO W1-12D, W8-8D TO W8-7D, W3-10E TO W3-9E, AND W3-13E TO W3-12E. THE LEFT LANE CLOSURE SHALL BE THE MIRROR IMAGE OF THE RIGHT LANE CLOSURE.
- FOR A RIGHT LANE CLOSURE IN AN AREA WHERE THE USABLE LEFT SHOULDER/MEDIAN IS LESS THAN 1.8m, LEFT SIDE SIGNS SHALL BE MOUNTED ON THE MEDIAN BARRIER. IF THE TOTAL MEDIAN WIDTH IS LESS THAN 1.8m, LEFT SIDE SIGNING WILL NOT BE REQUIRED.
- FOR A LEFT LANE CLOSURE IN AN AREA WHERE THE USABLE LEFT SHOULDER/MEDIAN IS LESS THAN 1.8m, LEFT SIDE SIGNS SHALL BE MOUNTED ON THE MEDIAN BARRIER. IF THE TOTAL MEDIAN WIDTH IS LESS THAN 1.8m, LEFT SIDE SIGNING WILL NOT BE REQUIRED, BUT THE W8-7D AND THE G11-2D SIGNS SHALL BE PLACED ON THE RIGHT SHOULDER. NO W1-12D SUBPANELS SHALL BE INCLUDED ON THE RIGHT SHOULDER.
- ON ROADWAY SECTIONS WHERE THE USABLE LEFT SHOULDER/MEDIAN IS LESS THAN 2.4m, THE STANDARD TRAFFIC CONTROL PLAN FOR A MOVABLE LANE CLOSURE (NARROW SHOULDER) SHALL BE USED TO INSTALL/REMOVE TRAFFIC CONTROL DEVICES AND SIGNS ALONG THE LEFT SHOULDER. THE SAME SHALL ALSO BE USED TO COVER/UNCOVER PREVIOUSLY INSTALLED SIGNS ALONG THE LEFT SHOULDER.

LEGEND

- WHITE RETROREFLECTORIZED SHEETING, CLASS C (3M, 3910 SERIES OR EQUAL)
- ORANGE RETROREFLECTORIZED SHEETING, CLASS C (3M, 3910 SERIES OR EQUAL)
- NON-REFLECTORIZED ORANGE
- APPROVED REFLECTORIZED WHITE BAND OR COLLAR (CLASS B OR C) REQUIRED FOR NIGHT USE.

*SIGN ONLY IF REQUIRED BY: WORK ZONE SPEED LIMIT POSTING GUIDELINES

- THE MINIMUM BUFFER SPACE LENGTH SHALL BE 150m. THE LENGTH OF THE BUFFER SPACE SHALL BE EXTENDED, AS ORDERED BY THE ENGINEER, TO ENSURE ADEQUATE SIGHT DISTANCE FOR VEHICLES APPROACHING THE LANE CLOSURE TAPER.
- THE USE OF A SHADOW VEHICLE IS REQUIRED WHEN EITHER (1) WORKERS OR INSPECTORS IN A CLOSED LANE ARE WORKING FROM ACCESS DEVICES SUCH AS LADDERS, SCAFFOLDING, MAN-LIFTS, BUCKET TRUCKS, PLATFORMS, ETC., OR (2) IT IS NOT POSSIBLE TO PROVIDE THE MINIMUM BUFFER SPACE SHOWN.

IF A SHADOW VEHICLE IS UTILIZED, IT SHALL BE PLACED UPSTREAM OF THE WORK AREA IN ACCORDANCE WITH THE FOLLOWING TABLE:

APPROACH SPEED	RECOMMENDED BUFFER DISTANCE*
90 - 100 km/H	53m
70 - 90 km/H	38m
LESS THAN 70 km/H	30m

*THE BUFFER DISTANCE IS THE DISTANCE FROM THE FRONT OF THE SHADOW VEHICLE TO THE BEGINNING OF THE WORK AREA.

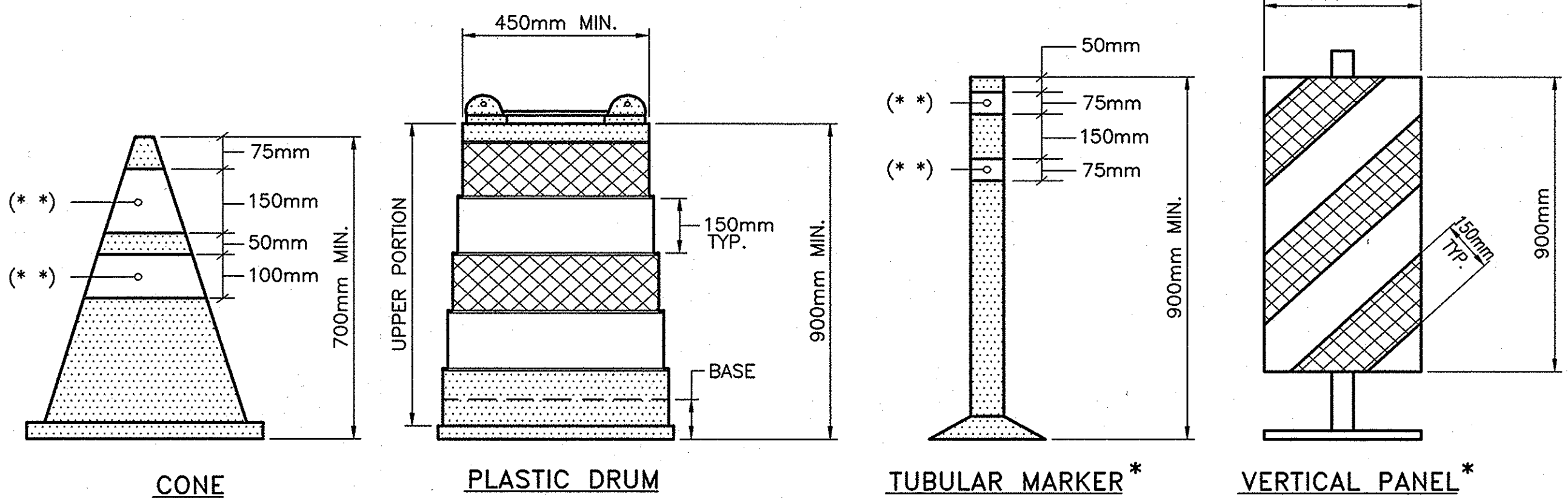
THE SHADOW VEHICLE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 619-1.02N OF THE STANDARD SPECIFICATIONS. THE COST OF THE SHADOW VEHICLE SHALL BE INCLUDED AND PAID UNDER THE BASIC MAINTENANCE AND PROTECTION OF TRAFFIC ITEM.

- THE FLASHING ARROW PANEL SHALL CONFORM TO SECTION 294.5 OF THE MUTCD. THE MINIMUM SIZE SHALL BE TYPE "C" (2.4m x 1.2m). THE FLASHING ARROW PANEL SHALL DISPLAY A FULL ARROW FLASH ONLY. CHEVRONS AND SEQUENTIAL ARROW FLASHES ARE NOT ALLOWED.
- FOR NIGHTTIME OPERATIONS, ALL PROVISIONS OF SECTION 619-3.13 OF THE STANDARD SPECIFICATIONS SHALL APPLY. IN ADDITION, DRUMS OR VERTICAL PANELS AT 12m SPACINGS SHALL BE REQUIRED FOR TAPER SECTIONS, AND 900mm CONES AT 12m SPACINGS SHALL BE REQUIRED ALONG TANGENT SECTIONS.
- THE TRAFFIC SUPERVISOR SHALL APPROVE THE CONDITION OF ALL TRAFFIC CONTROL DEVICES PRIOR TO USE. THE TRAFFIC SUPERVISOR SHALL ALSO REVIEW THE PROPOSED TRAFFIC CONTROL PATTERN (FOR PRECISE DEVICE POSITIONING) PRIOR TO INSTALLATION.
- SIGN SUPPORTS SHALL PROVIDE A MINIMUM MOUNTING HEIGHT OF 1.5m FROM THE PAVEMENT TO THE SIGN BOTTOM. SIGN SUPPORTS SHALL ALSO RESIST OVERTURNING IN WINDS. SIGN SHALL BE PLACED AT, OR AS NEAR AS PRACTICABLE TO, THE LOCATIONS SHOWN. LATERAL PLACEMENT OF SIGNS SHALL CONFORM TO SECTIONS 201.5 AND/OR 301.2 OF THE MUTCD.
- WHEN THE DISTANCE BETWEEN THE SECOND R2-1E (45) SIGN AND THE END OF THE WORK ZONE EXCEEDS 1350m, ADDITIONAL R2-1E (45) SIGNS SHALL BE PLACED IN THE WORK ZONE TO MAINTAIN A MAXIMUM SPACING OF 1350m. NOTE THAT ADDITIONAL SIGNS MAY BE NEEDED JUST BEYOND ANY ENTRANCE RAMP THAT TERMINATES WITHIN THE WORK ZONE SIGNING.
- EXISTING SPEED LIMIT SIGNS WITHIN THE WORK ZONE SHALL BE COVERED TO AVOID CONFLICT WITH THE WORK ZONE SPEED LIMIT SIGNS.
- EXISTING PAVEMENT MARKINGS SHALL BE MAINTAINED BY THE CONTRACTOR WITHIN THE PROJECT LIMITS.

- SEE PROPOSAL FOR SIGN FACE LAYOUT.
- THIS SHEET APPLIES TO TWO, THREE, AND FOUR LANE SECTIONS.

LEGEND

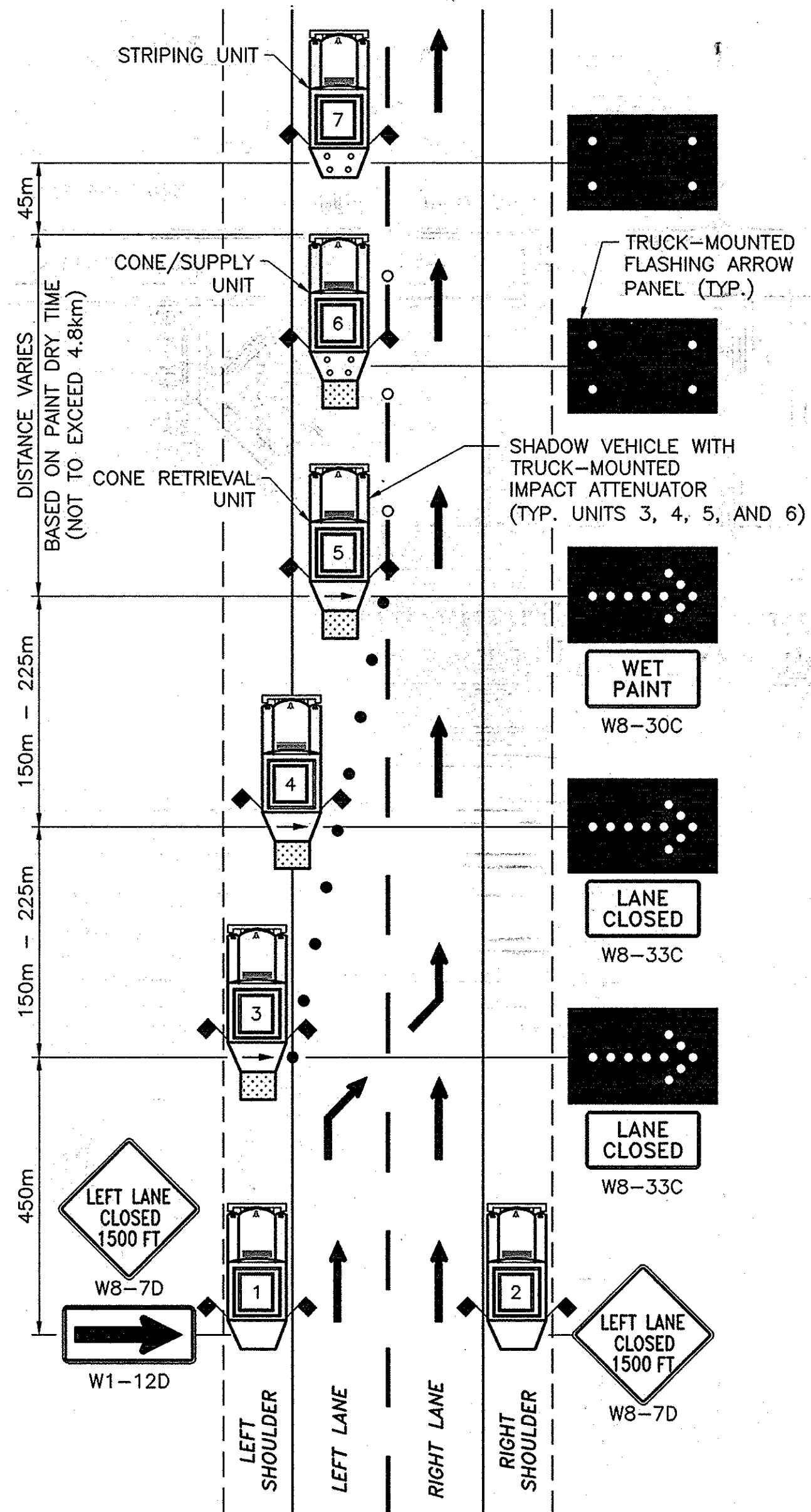
- EXISTING PAVEMENT MARKINGS (CENTER AND EDGE LINES)
- TRAFFIC CONES @ 12m SPACINGS ON TAPER AND 24m SPACINGS ON TANGENT
- SIGNS
- FLASHING ARROW PANEL
- CONSTRUCTION FLAG



CHANNELIZING DEVICES

* THESE DEVICES ARE OPTIONAL. WITH THE APPROVAL OF THE ENGINEER, TUBULAR MARKERS MAY BE SUBSTITUTED FOR CONES AND VERTICAL PANELS MAY BE SUBSTITUTED FOR PLASTIC DRUMS.

2009 10-29	NO AS BUILT REVISIONS	Signature	
8/06	SHEETING SPEC. CHANGE	J.P.	1
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING LANE CLOSURE (DAILY) (65 MPH SPEED LIMIT ZONES)			
CONTRACT NUMBER: TAS 06-38		DATE: 5/05	
DRAWING NUMBER: LCD-65 (M)			

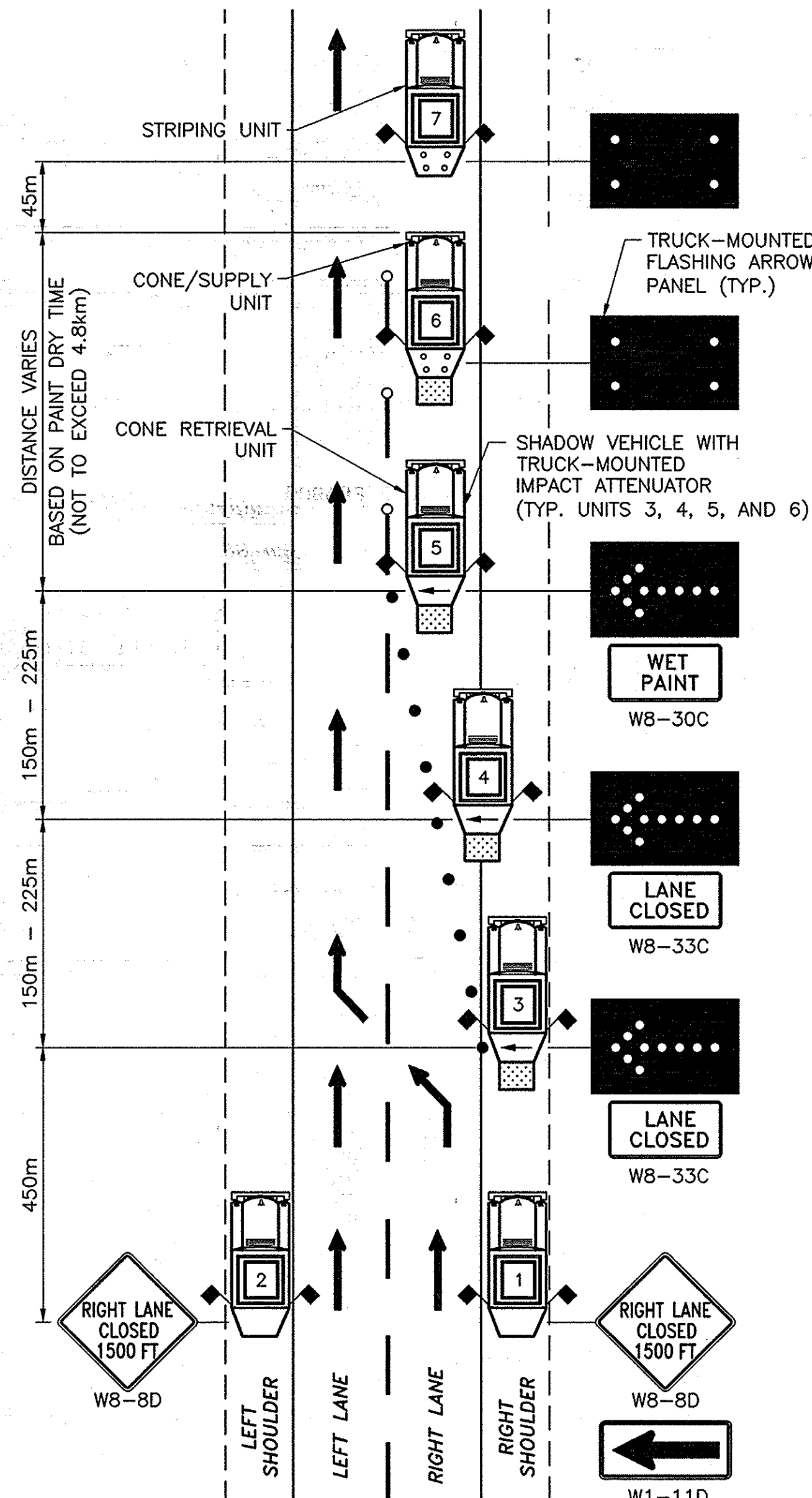


TRAFFIC CONTROL PLAN FOR
MOVABLE LEFT LANE CLOSURE †

N.T.S.

NOTES:

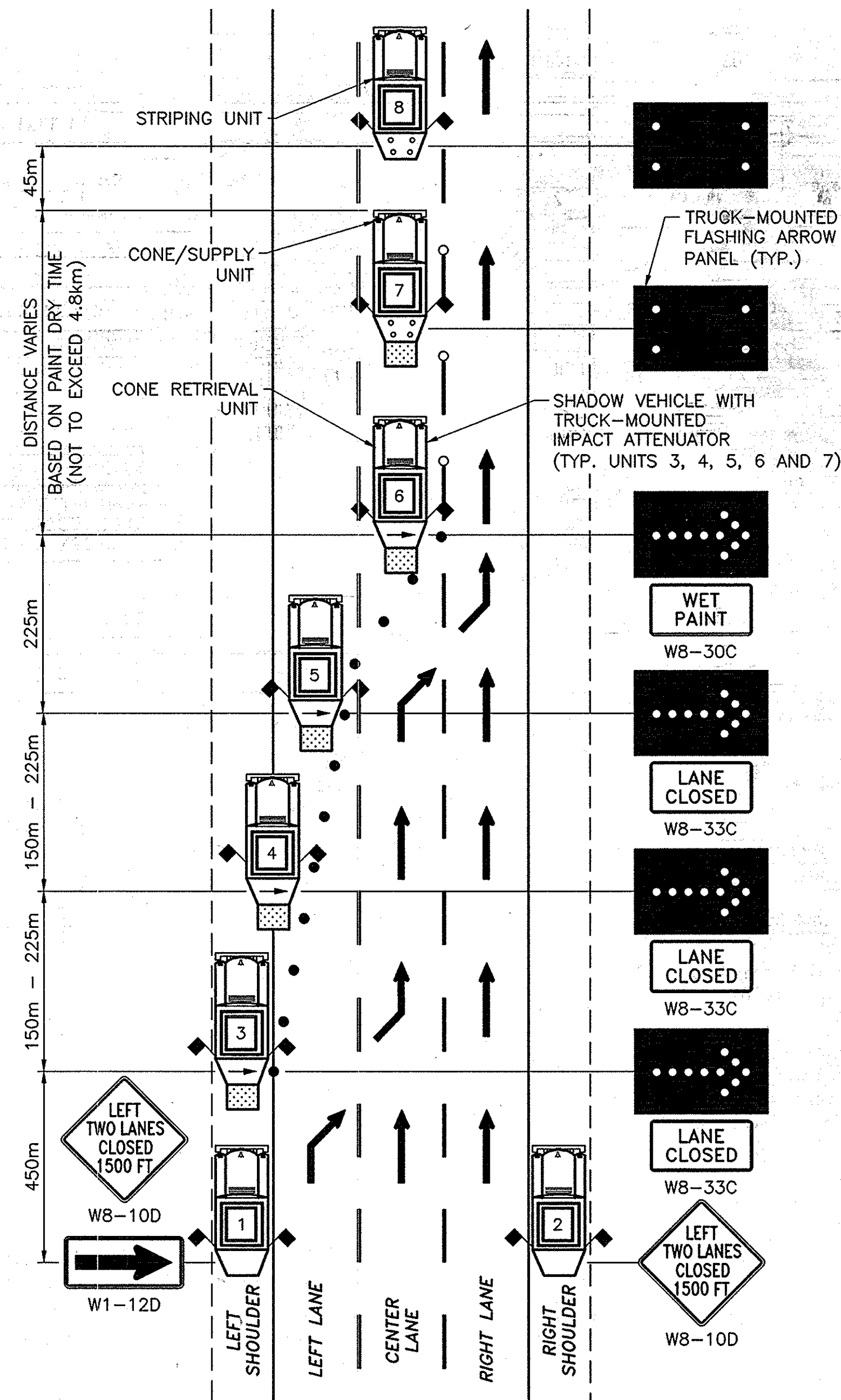
1. THESE PLANS ARE TO BE UTILIZED ONLY WHEN AUTHORIZED BY THE ENGINEER.
2. WHERE THE LEFT LANE IS TO BE CLOSED, THE FIRST AND SECOND UNITS SHALL BE COMPLETELY OFF THE TRAVEL LANE. THE THIRD UNIT IS TO BE LOCATED ON THE LEFT SHOULDER, THE FOURTH UNIT STRADDLES THE LEFT SHOULDER AND THE LEFT LANE, AND THE FIFTH, SIXTH AND SEVENTH UNITS ARE IN THE LEFT LANE. UNITS THREE, FOUR AND FIVE SHALL DISPLAY A FLASHING RIGHT ARROW. UNITS SIX AND SEVEN SHALL DISPLAY THE CAUTION MODE.
3. WHERE THE RIGHT LANE IS TO BE CLOSED, THE FIRST AND SECOND UNITS SHALL BE COMPLETELY OFF THE TRAVEL LANE. THE THIRD UNIT IS TO BE LOCATED ON THE RIGHT SHOULDER, THE FOURTH UNIT STRADDLES THE RIGHT SHOULDER AND THE RIGHT LANE, AND THE FIFTH, SIXTH AND SEVENTH UNITS ARE IN THE RIGHT LANE. UNITS THREE, FOUR AND FIVE SHALL DISPLAY A FLASHING LEFT ARROW. UNITS SIX AND SEVEN SHALL DISPLAY THE CAUTION MODE.
4. WHERE THE LEFT TWO LANES ARE TO BE CLOSED, THE FIRST AND SECOND UNITS SHALL BE COMPLETELY OFF THE TRAVEL LANE. THE THIRD UNIT IS TO BE LOCATED ON THE LEFT SHOULDER, THE FOURTH UNIT STRADDLES THE LEFT SHOULDER AND THE LEFT LANE, THE FIFTH UNIT IS IN THE LEFT LANE, AND THE SIXTH, SEVENTH AND EIGHTH UNITS ARE IN THE CENTER LANE. UNITS THREE, FOUR, FIVE AND SIX SHALL DISPLAY A FLASHING RIGHT ARROW. UNITS SEVEN AND EIGHT SHALL DISPLAY THE CAUTION MODE.
5. WHERE THE LEFT LANE IS TO BE CLOSED FOR STRIPING OF EDGE LINE ONLY, THE FIRST, SECOND AND THIRD UNITS SHALL BE COMPLETELY OFF THE TRAVEL LANE. THE FOURTH UNIT IS TO BE LOCATED ON THE LEFT SHOULDER, THE FIFTH UNIT STRADDLES THE LEFT SHOULDER AND THE LEFT LANE, AND THE SIXTH AND SEVENTH UNITS ARE IN THE LEFT LANE. UNITS FOUR, FIVE AND SIX SHALL DISPLAY A FLASHING RIGHT ARROW. UNITS ONE AND SEVEN SHALL DISPLAY THE CAUTION MODE.
6. THE TRAFFIC CONTROL PLAN FOR A MOVABLE LEFT LANE CLOSURE (STRIPING OF EDGE LINE ONLY) SHALL BE MODIFIED FOR A MOVABLE RIGHT LANE CLOSURE (STRIPING OF EDGE LINE ONLY) BY CHANGING SIGNS W8-7D TO W8-8D AND W1-12D TO W1-11D. UNITS FOUR, FIVE AND SIX SHALL DISPLAY A FLASHING LEFT ARROW. THE RIGHT LANE CLOSURE (STRIPING OF EDGE LINE ONLY) SHALL BE THE MIRROR IMAGE OF THE LEFT LANE CLOSURE (STRIPING OF EDGE LINE ONLY).



TRAFFIC CONTROL PLAN FOR
MOVABLE RIGHT LANE CLOSURE †††

N.T.S.

7. TRUCK-MOUNTED FLASHING ARROW PANELS SHALL CONFORM TO SECTION 294.5 OF THE NEW YORK STATE CODES, RULES AND REGULATIONS, TITLE 17(B) - DEPARTMENT OF TRANSPORTATION, CHAPTER V - UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE MINIMUM SIZE SHALL BE TYPE "B" (1.5m x 750mm). THE FLASHING ARROW PANEL DISPLAY (LEFT ARROW, RIGHT ARROW OR CAUTION MODE) SHALL BE A SIMULTANEOUS FLASHING DISPLAY ONLY. SEQUENTIAL FLASHING DISPLAYS ARE NOT ALLOWED.
8. THE MINIMUM HEIGHT OF THE FLASHING ARROW PANELS SHALL BE 1.5m FROM THE PAVEMENT TO THE BOTTOM OF THE PANEL.
9. THE SHADOW VEHICLES SHALL CONFORM TO THE REQUIREMENTS OF SECTION 619-1.02N OF THE STANDARD SPECIFICATIONS.
10. THE MOBILE CONSTRUCTION ZONE IMPACT ATTENUATORS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 712-06 OF THE STANDARD SPECIFICATIONS.
11. IF THE CONE/SUPPLY UNIT IS NOT EQUIPPED WITH AN IMPACT ATTENUATOR AND FLASHING ARROW PANEL, A SHADOW VEHICLE SHALL BE ADDED TO THE TRAFFIC CONTROL PLAN AND SHALL FOLLOW THE CONE/SUPPLY UNIT AT A DISTANCE OF 45m.
12. ALL SIGNS MAY BE FOUND IN THE MUTCD. ALL "W" SERIES SIGNS SHALL BE BLACK ON FLUORESCENT ORANGE. ALL REFLECTORIZED SIGN BACKGROUNDS SHALL BE CLASS "B" OR "C" REFLECTIVE SHEETING.
13. THE "LANE CLOSED" SIGN, (W8-33C), AND "WET PAINT" SIGN, (W8-30C), SHALL BE MOUNTED BELOW THE FLASHING ARROW PANEL ON THE VEHICLES SHOWN.
14. FOR NIGHTTIME OPERATIONS, ALL PROVISIONS OF SECTION 619-3.13 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
15. ON TWO LANE SECTIONS OF ROADWAY ONLY, THE CONTRACTOR HAS THE OPTION OF UTILIZING A VARIABLE MESSAGE SIGN (EITHER TRAILER MOUNTED OR TRUCK MOUNTED) TO SUBSTITUTE FOR THE "LEFT/RIGHT LANE CLOSED 1500 FT." SIGNS. IF A VARIABLE MESSAGE SIGN IS USED, IT SHALL BE PLACED ON THE SIDE OF THE ROADWAY WHERE THE LANE CLOSURE OCCURS. IF AN ADEQUATE SHOULDER WIDTH DOES NOT EXIST, THE SIGN SHALL BE PLACED ON THE RIGHT SHOULDER. THE MESSAGE DISPLAYED SHALL ALWAYS READ: "LEFT/RIGHT LANE CLOSED", "1500 FT. AHEAD".



TRAFFIC CONTROL PLAN FOR
MOVABLE LEFT TWO LANE CLOSURE †

N.T.S.

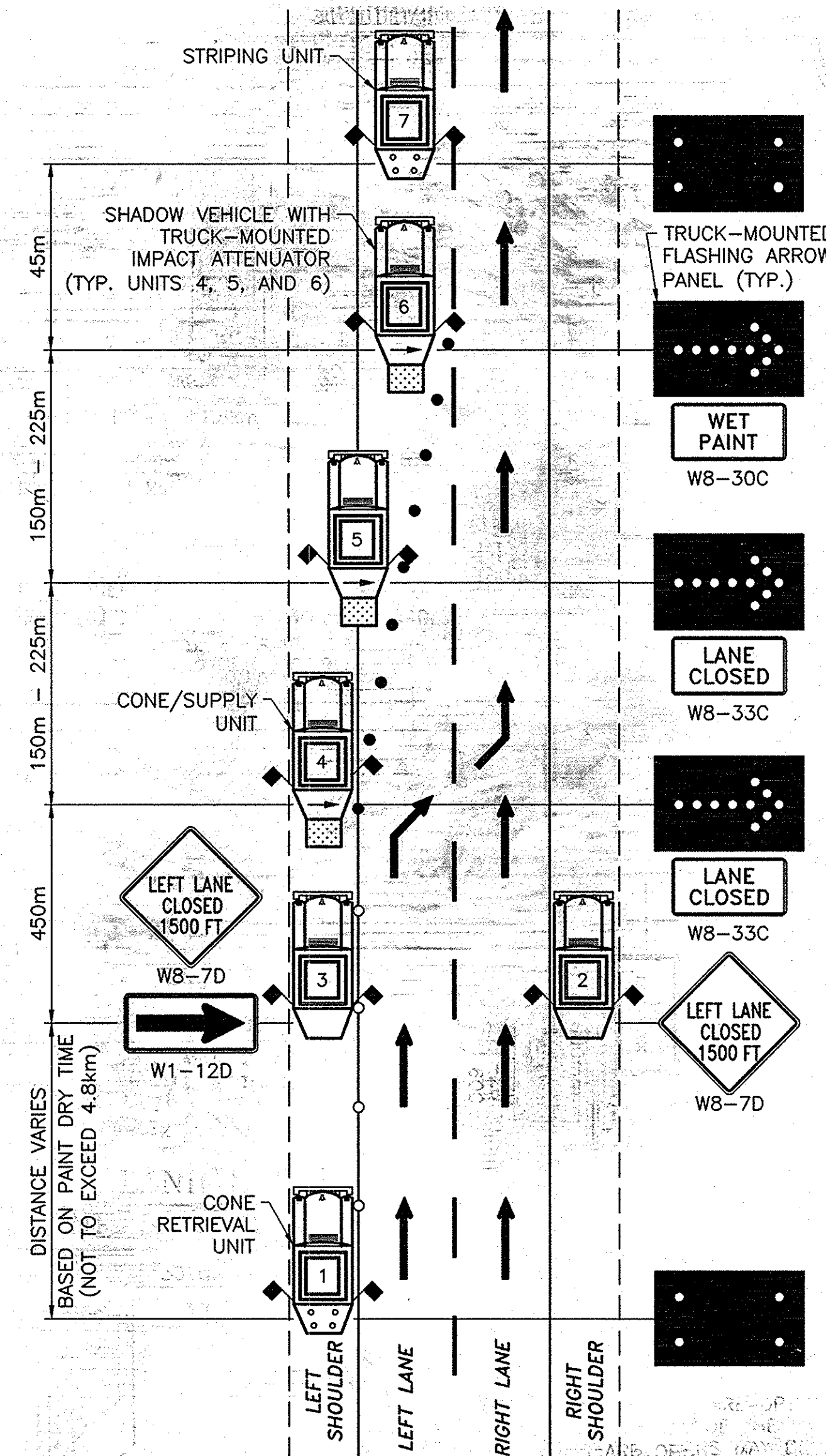
† IN AREAS WHERE THE WIDTH OF THE LEFT SHOULDER/MEDIAN PREVENTS THE PLACEMENT OF UNITS 1 AND 3 COMPLETELY ON THE SHOULDER, THE TRAFFIC CONTROL PLAN "MOVABLE LANE CLOSURE FOR PAVEMENT STRIPING (NARROW LEFT SHOULDER)" SHALL BE USED IN LIEU OF THIS PLAN.

†† IN AREAS WHERE THE WIDTH OF THE LEFT SHOULDER/MEDIAN PREVENTS THE PLACEMENT OF UNITS 1, 3 AND 4 COMPLETELY ON THE SHOULDER, USE OF THIS PLAN SHALL BE DISCONTINUED AND THE TRAFFIC CONTROL PLAN "MOVABLE LANE CLOSURE FOR PAVEMENT STRIPING (NARROW LEFT SHOULDER)" SHALL BE USED FOR ALL LEFT EDGE LINE PLACEMENTS.

††† IN AREAS WHERE THE WIDTH OF THE LEFT SHOULDER/MEDIAN PREVENTS THE PLACEMENT OF UNIT 2 COMPLETELY ON THE SHOULDER, UNIT 2 SHALL BE REMOVED FROM THE PLAN.

LEGEND

- MOBILE CONSTRUCTION ZONE IMPACT ATTENUATOR
- TRUCK-MOUNTED CONSTRUCTION FLAGS
- CONES @ 24m SPACINGS PLACED ADJACENT TO WET PAINT STRIPE AND REMOVED SUBSEQUENT TO DRYING
- CONES @ 12m SPACINGS PLACED WHEN MOVABLE OPERATIONS BECOME TEMPORARILY STATIONARY FOR PERIODS LONGER THAN 10 (TEN) MINUTES IN DURATION. CONES ARE TO BE REMOVED UPON RESUMPTION OF MOVABLE OPERATION.

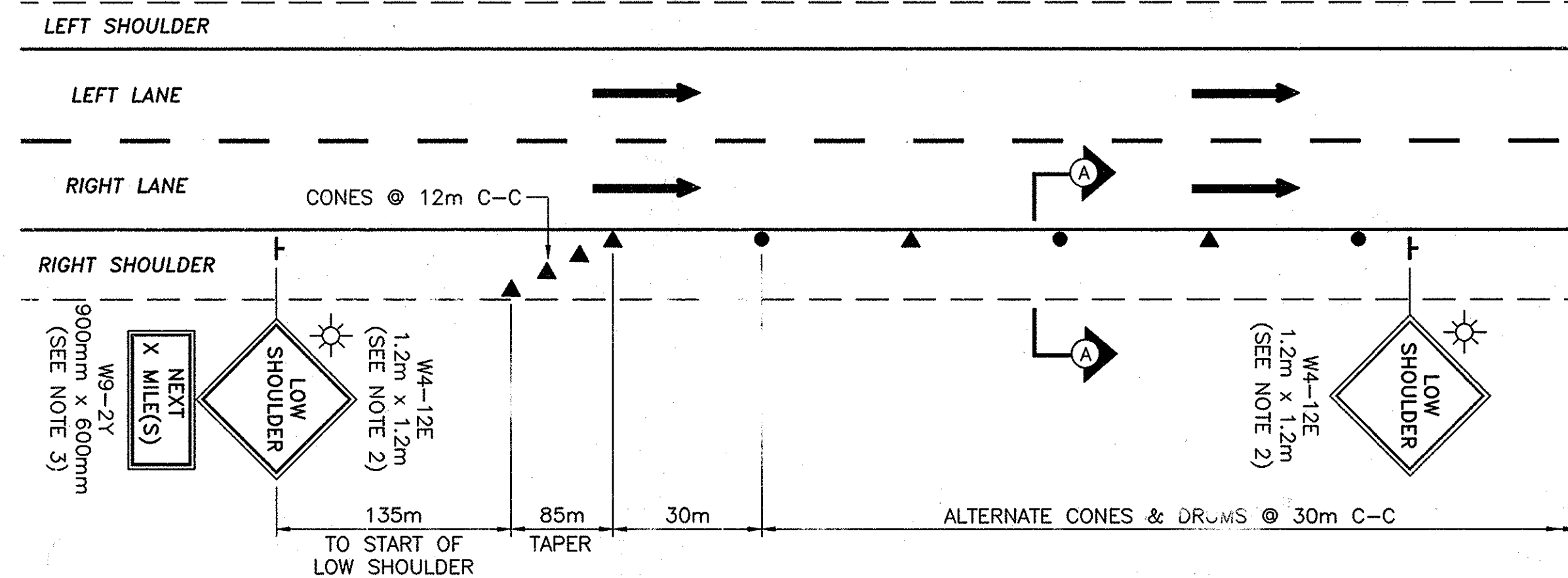


TRAFFIC CONTROL PLAN FOR
MOVABLE LEFT LANE CLOSURE
(STRIPING OF EDGE LINE ONLY) ††

N.T.S.

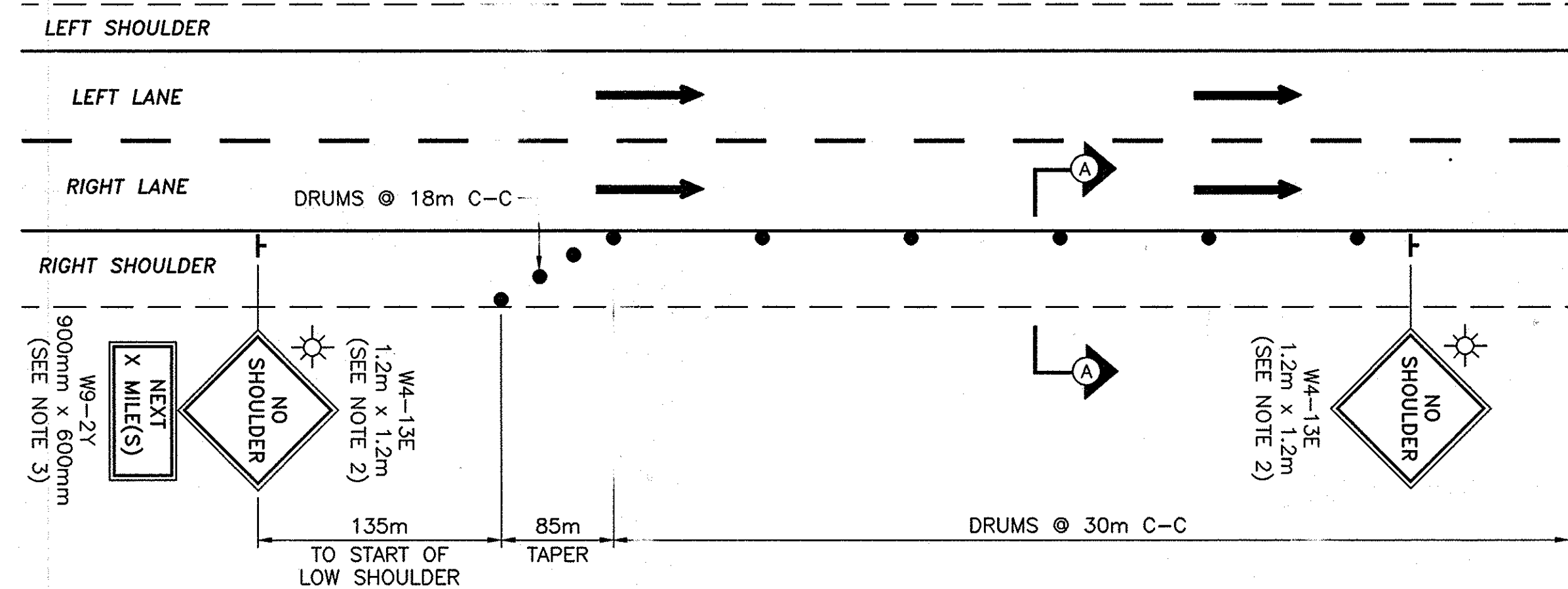
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REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING MOVABLE LANE CLOSURE FOR PAVEMENT STRIPING			
CONTRACT NUMBER: TAS 06-38			
DATE: 6/04			
DRAWING NUMBER: LCM-PS (M)			

SS/MISC-OPERATIONS-MDWG
CHECKED BY: J. PECARELLA
DRAFTED BY: CAD
DESIGNED BY: B. KOSLOSKE
IN CHARGE OF: A. MASTROIANNI



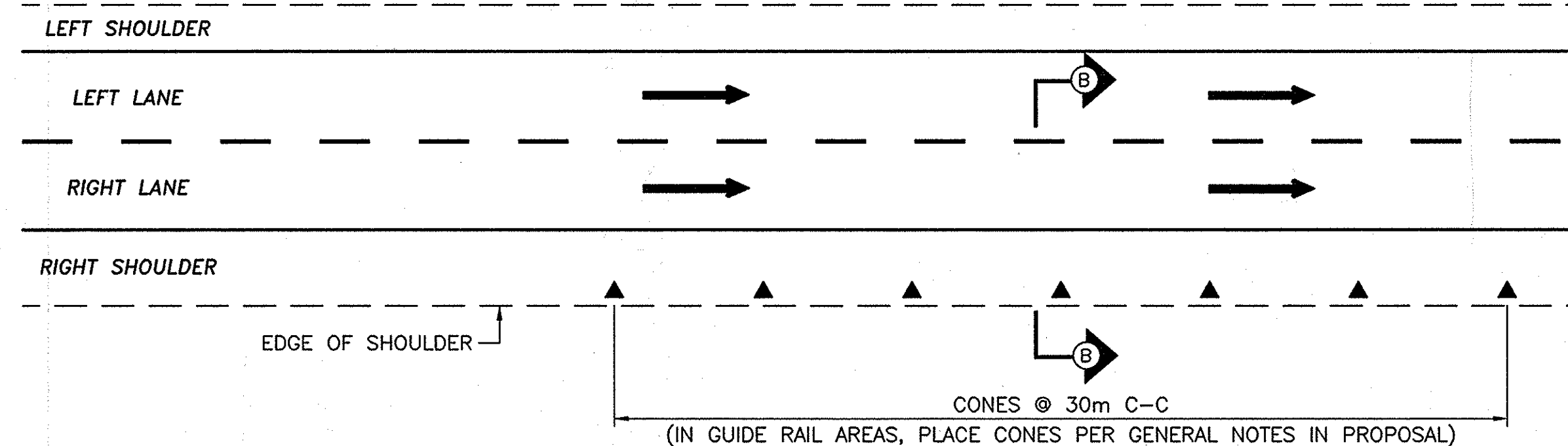
TRAFFIC CONTROL PLAN FOR AREAS WITH
SHOULDER DROP OF 38mm TO 102mm

N.T.S.



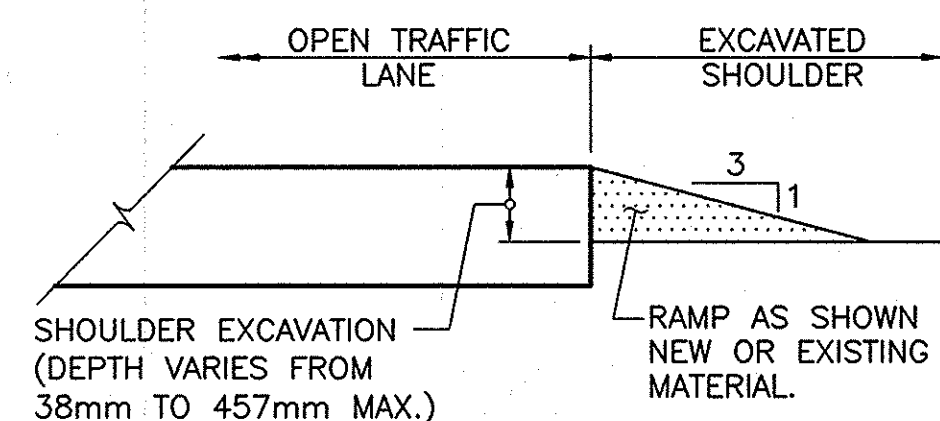
TRAFFIC CONTROL PLAN FOR AREAS WITH
SHOULDER DROP OF 102mm TO 457mm

N.T.S.

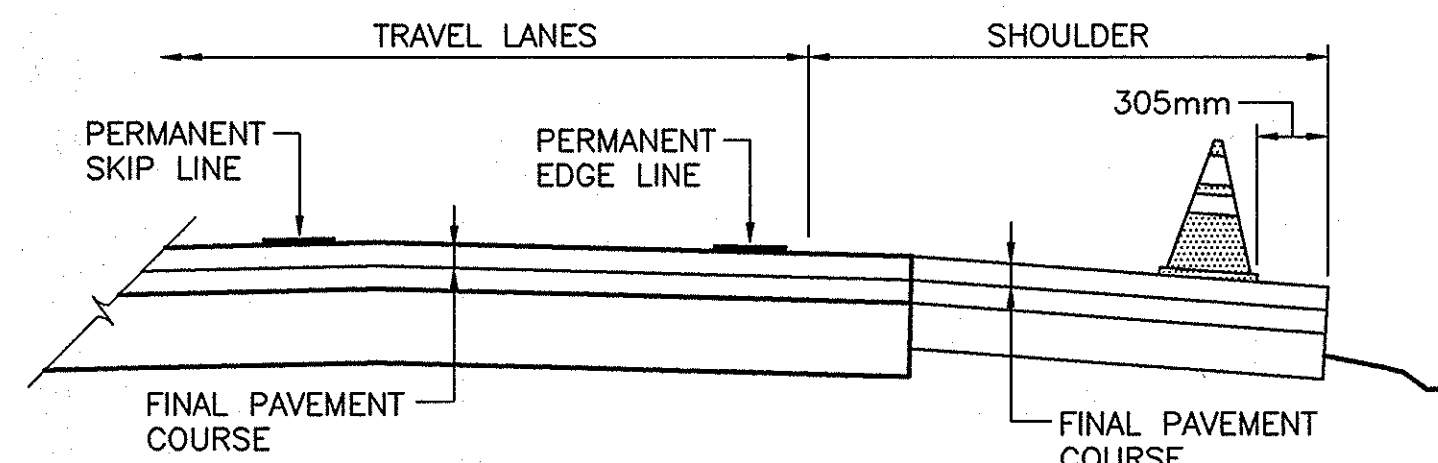


TRAFFIC CONTROL PLAN FOR AREAS
WITHOUT SHOULDER BACK-UP INSTALLED

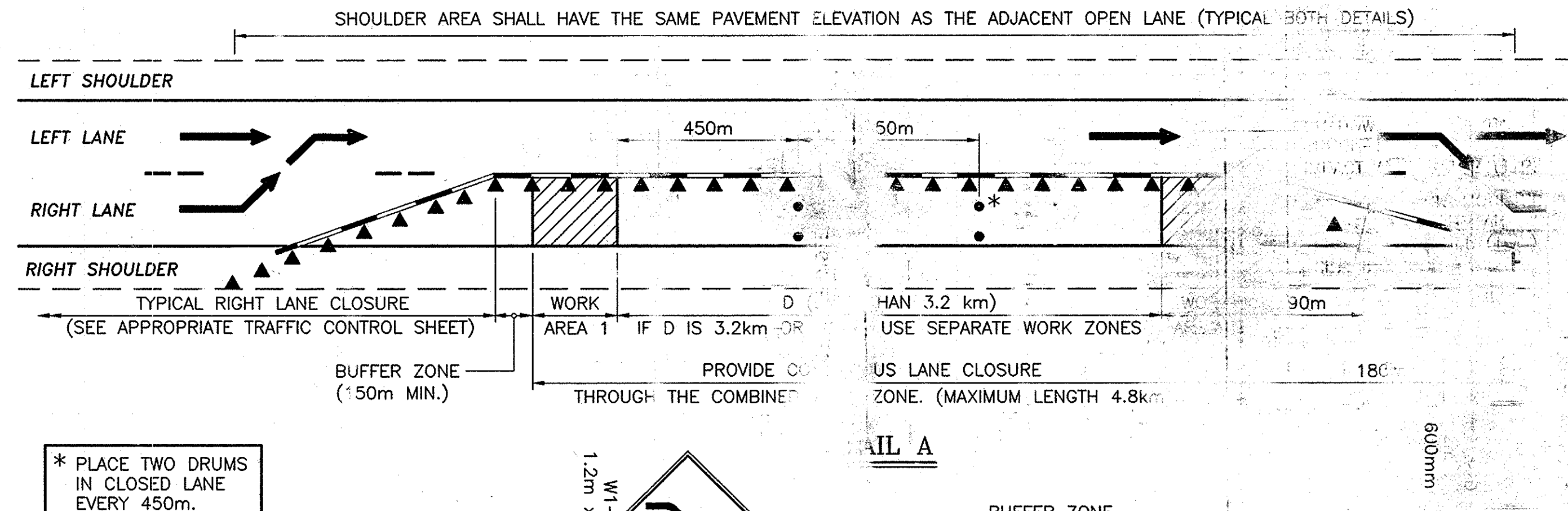
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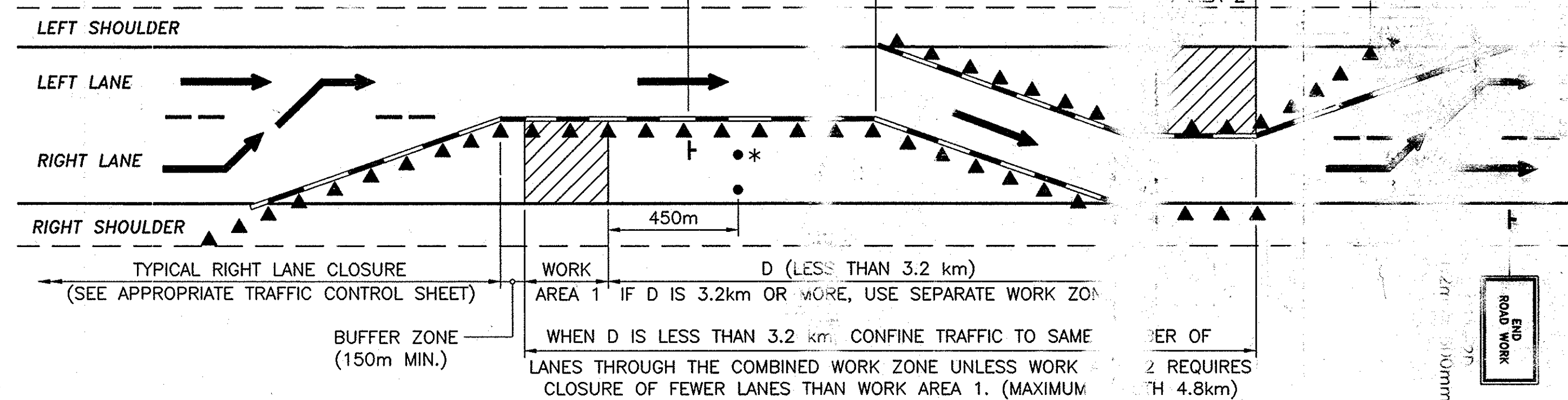
SECTION A-A
N.T.S.



SECTION B-B
N.T.S.

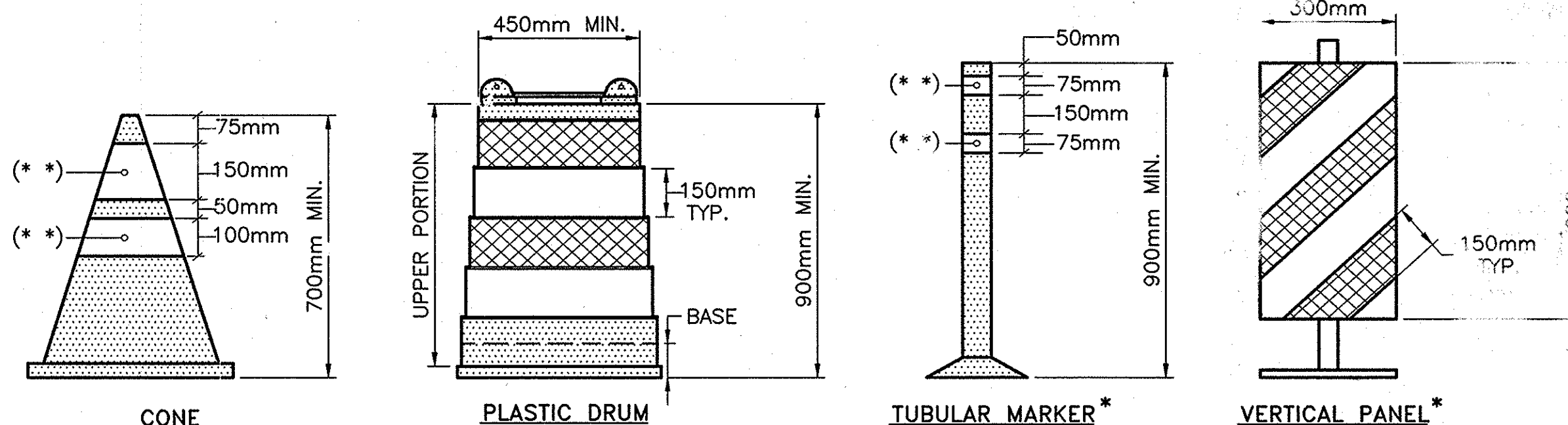


* PLACE TWO DRUMS
IN CLOSED LANE
EVERY 450m.



SUCCESSIVE WORK ZONES - TWO LANE SECTIONS

(THREE LANE SECTIONS SIMILAR)
N.T.S.



CHANNELIZING DEVICES

N.T.S.

NOTE "A"

EXISTING PAVEMENT MARKINGS SHALL BE MAINTAINED BY THE CONTRACTOR WITHIN THE PROJECT LIMITS. IF THE CONTRACTOR'S OPERATIONS IN ANY WORK AREA WILL EXCEED A PERIOD OF 2 (TWO) WEEKS, OR IF DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL COMPLETELY REMOVE PORTIONS OF THE EXISTING MARKINGS AND INSTALL TEMPORARY MARKINGS AS DETAILED ON THIS SHEET. TEMPORARY MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD, CONTRACT PLANS AND/OR PROPOSAL.

WHEN ALL WORK IS COMPLETED IN THE WORK AREA, OR AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE THE TEMPORARY MARKINGS AND RESTORE THE EXISTING MARKINGS.

NOTES FOR SHOULDER EXCAVATION PROTECTION:

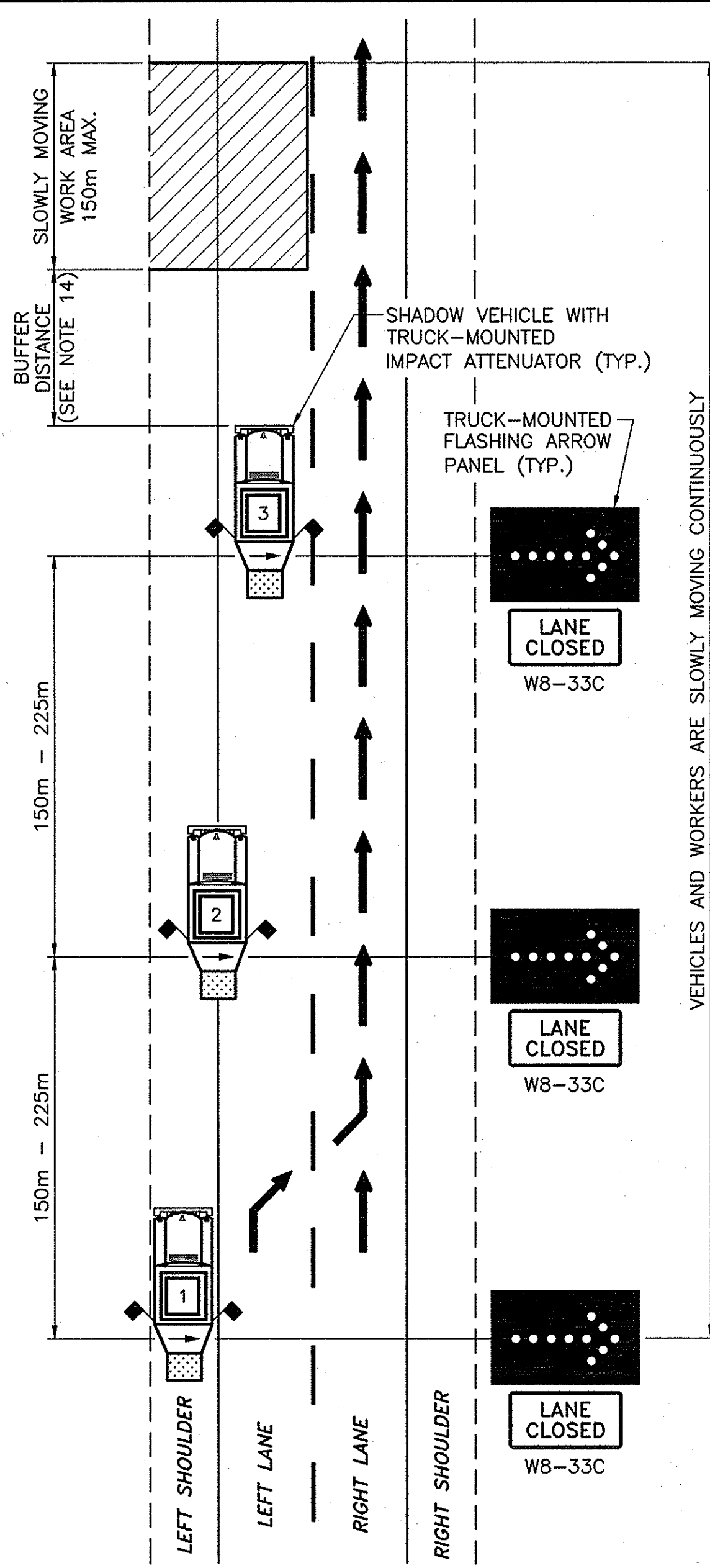
1. THE PLANS SHOWN ARE FOR RIGHT SHOULDER PROTECTION. LEFT SHOULDER PROTECTION SHALL BE THE MIRROR IMAGE OF THE SAME DETAILS. ONLY THE RIGHT OR LEFT SHOULDER MAY BE WORKED ON AT ONE TIME.
2. THE W4-12E (OR W4-13E) SIGN SHALL BE REPEATED EVERY 300m.
3. THE W9-2Y SIGN SHALL BE PLACED ON THE FIRST W4-12E (OR W4-13E) SIGN AND EACH SUBSEQUENT SIGN NEAREST 800m WHEN THE AREA BEING PROTECTED EXCEEDS 800m IN LENGTH.
4. DRUMS AND CONES SHALL BE PLACED AND MAINTAINED SUCH THAT AT LEAST TWO-THIRDS OF THEIR HEIGHT IS EXPOSED ABOVE THE PAVEMENT.
5. IF THE DEPTH OF EXCAVATION EXCEEDS 457mm, THE ADJACENT LANE SHALL REMAIN CLOSED, OR TEMPORARY CONCRETE BARRIER SHALL BE USED TO PROTECT THE CONDITION.
6. EXCAVATED SHOULDER SHALL BE RAMPED DOWN (SECTION A-A) DURING NON-WORK HOURS.

LEGEND

- ▲ TRAFFIC CONE
- DRUM
- ⚡ FLASHING LIGHT, LOW INTENSITY, FOR NIGHT USE OR A.O.B.E.
- 1 SIGN (ALL "W" SERIES SIGNS TO BE BLACK ON FLUORESCENT ORANGE)
- REMOVAL OF EXISTING PAVEMENT MARKINGS (SEE NOTE A)
- TEMPORARY PAVEMENT MARKING FOR CONSTRUCTION. (SEE NOTE A)
- WHITE RETROREFLECTORIZED SHEETING, CLASS C (3M, 3910 SERIES OR EQUAL)
- ORANGE RETROREFLECTORIZED SHEETING, CLASS C (3M, 3910 SERIES OR EQUAL)
- NON-REFLECTORIZED ORANGE
- (*) APPROVED REFLECTORIZED WHITE BAND OR COLLAR (CLASS B OR C) REQUIRED FOR NIGHT USE.

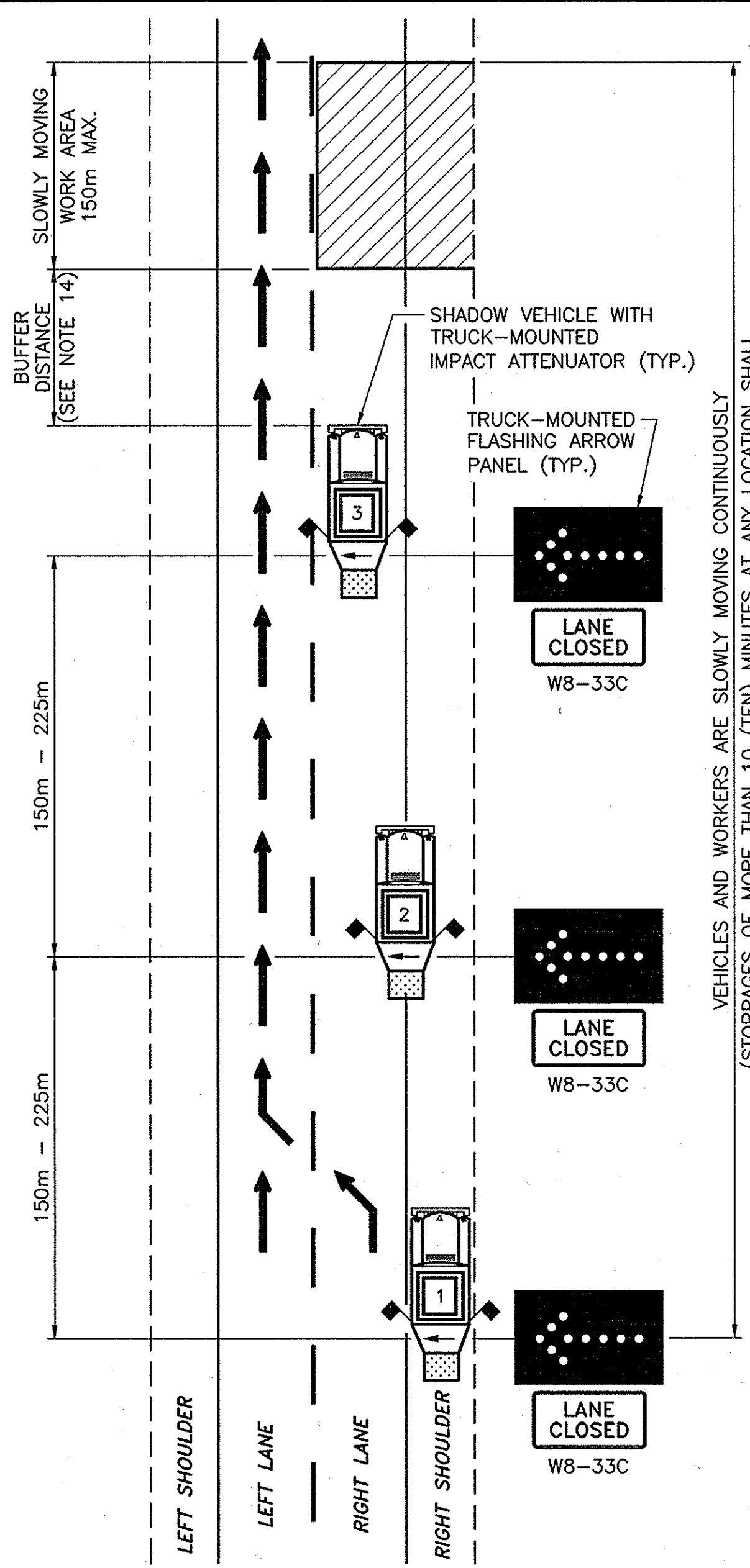
2007 10-29	NO AS BUILT REVISIONS	Handwritten	
8/06	SHEETING SPEC. CHANGE	J.P.	▲
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT	INLAY 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK		
LOCATION	SYRACUSE DIVISION P. 253.5 TO M.P. 240.9		
TITLE OF DRAWING	THRUWAY TRAFFIC PLANS OR MISCELLANEOUS OPERATIONS		
CONTRACT NUMBER:		TAS 06-38	
DATE:		6/03	
DRAWING NUMBER:		MO (M)	

DESIGNED BY: A. MASTROIANNI
CHECKED BY: J. PEGARELLA
DRAFTED BY: CAD
SS13-LANE-CLOSURE-MOVABLE-MDWS



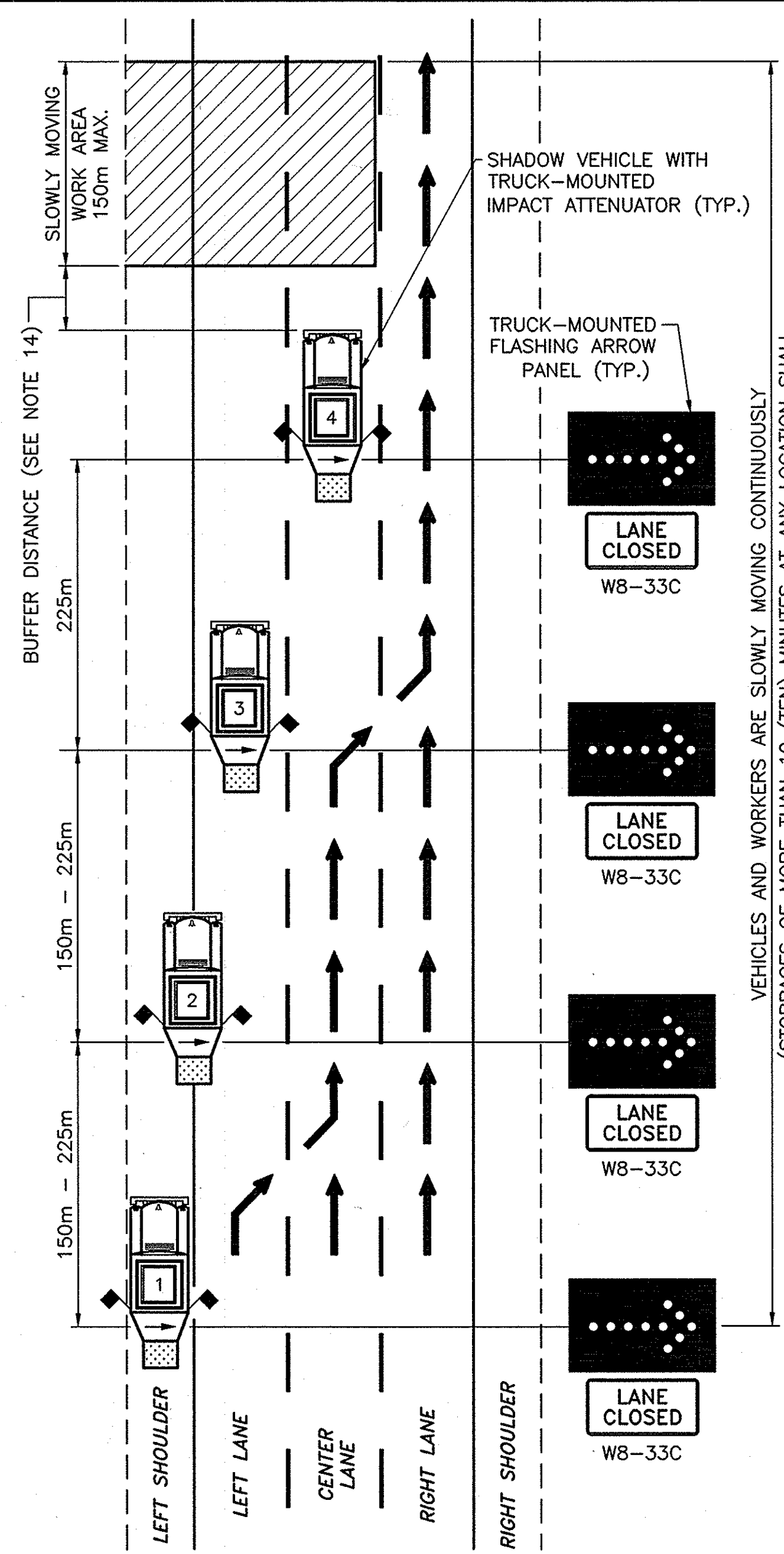
TRAFFIC CONTROL PLAN FOR
MOVABLE LEFT LANE CLOSURE

N.T.S.



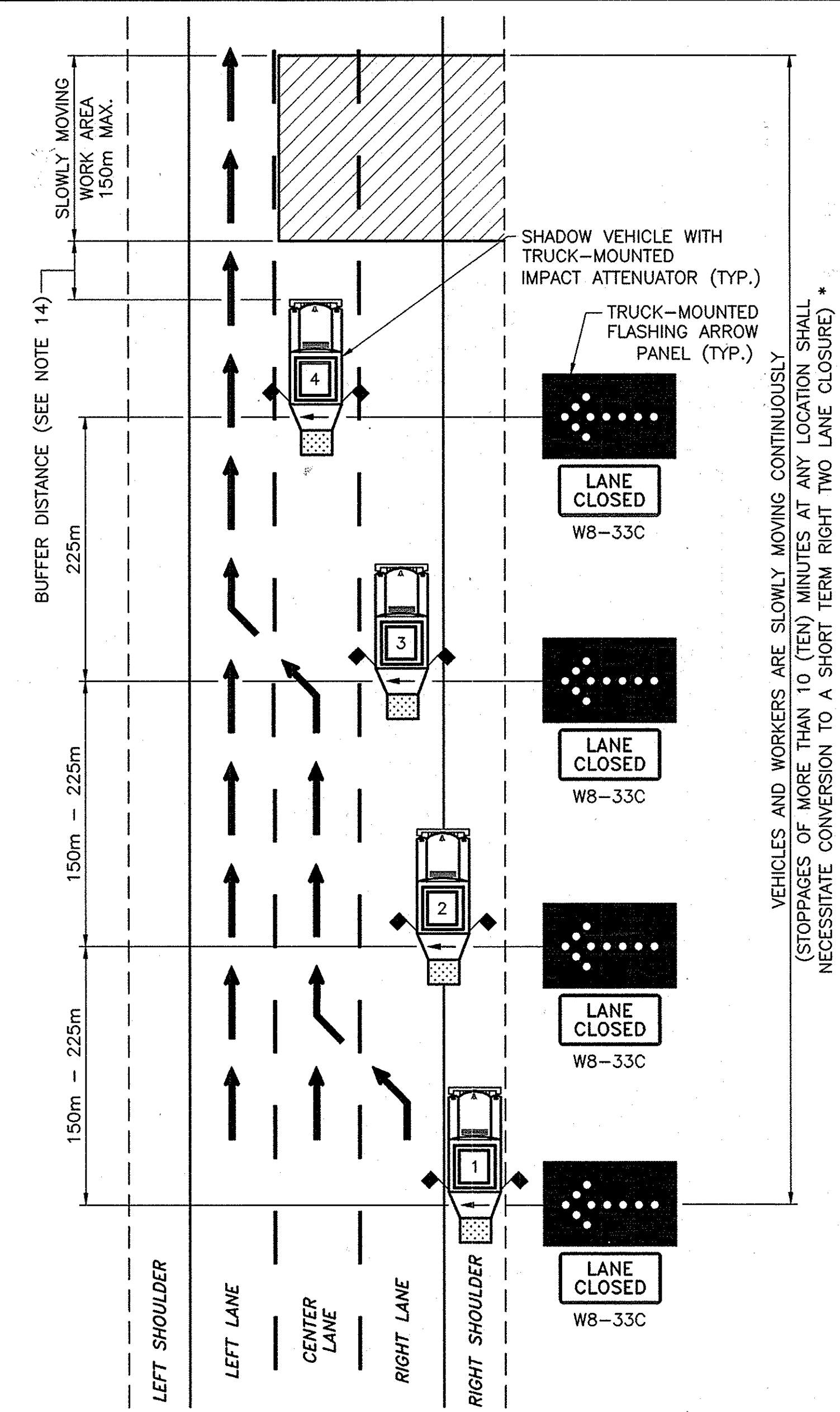
TRAFFIC CONTROL PLAN FOR
MOVABLE RIGHT LANE CLOSURE

N.T.S.



TRAFFIC CONTROL PLAN FOR
MOVABLE LEFT TWO LANE CLOSURE

N.T.S.



TRAFFIC CONTROL PLAN FOR
MOVABLE RIGHT TWO LANE CLOSURE

N.T.S.

NOTES:

1. THESE PLANS ARE TO BE UTILIZED ONLY WHEN AUTHORIZED BY THE ENGINEER.
2. WHERE THE LEFT LANE IS TO BE CLOSED, THE FIRST UNIT IS TO BE LOCATED ON THE LEFT SHOULDER, THE SECOND UNIT STRADDLES THE LEFT SHOULDER AND THE LEFT LANE, AND THE THIRD UNIT IS IN THE LEFT LANE. ALL UNITS SHALL DISPLAY A FLASHING RIGHT ARROW.
3. WHERE THE RIGHT LANE IS TO BE CLOSED, THE FIRST UNIT IS TO BE LOCATED ON THE RIGHT SHOULDER, THE SECOND UNIT STRADDLES THE RIGHT SHOULDER AND THE RIGHT LANE, AND THE THIRD UNIT IS IN THE RIGHT LANE. ALL UNITS SHALL DISPLAY A FLASHING LEFT ARROW.
4. WHERE THE LEFT TWO LANES ARE TO BE CLOSED, THE FIRST UNIT IS TO BE LOCATED ON THE LEFT SHOULDER, THE SECOND UNIT STRADDLES THE LEFT SHOULDER AND THE LEFT LANE, THE THIRD UNIT IS IN THE LEFT LANE, AND THE FOURTH UNIT IS IN THE CENTER LANE. ALL UNITS SHALL DISPLAY A FLASHING RIGHT ARROW.
5. WHERE THE RIGHT TWO LANES ARE TO BE CLOSED, THE FIRST UNIT IS TO BE LOCATED ON THE RIGHT SHOULDER, THE SECOND UNIT STRADDLES THE RIGHT SHOULDER AND THE RIGHT LANE, THE THIRD UNIT IS IN THE RIGHT LANE, AND THE FOURTH UNIT IS IN THE CENTER LANE. ALL UNITS SHALL DISPLAY A FLASHING LEFT ARROW.
6. FOR UNIT 1, IF THE VEHICLE IS COMPLETELY OFF THE TRAVEL LANE, A TRAILER-MOUNTED ARROW PANEL MAY BE SUBSTITUTED FOR THE TRUCK-MOUNTED ARROW PANEL.
7. TRUCK-MOUNTED FLASHING ARROW PANELS SHALL CONFORM TO SECTION 294.5 OF THE NEW YORK STATE CODES, RULES AND REGULATIONS, TITLE 17(B) - DEPARTMENT OF TRANSPORTATION, CHAPTER V - UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE MINIMUM SIZE SHALL BE TYPE "B" (1.5m x 750mm). TRAILER-MOUNTED FLASHING ARROW PANELS SHALL BE TYPE "C" (2.4m x 1.2m). ALL FLASHING ARROW PANELS SHALL DISPLAY A FULL ARROW FLASH ONLY. CHEVRONS AND SEQUENTIAL ARROW FLASHES ARE NOT ALLOWED.
8. THE MINIMUM HEIGHT OF THE FLASHING ARROW PANELS SHALL BE 1.5m FROM THE PAVEMENT TO THE BOTTOM OF THE PANEL.

9. THE SHADOW VEHICLES SHALL CONFORM TO THE REQUIREMENTS OF SECTION 619-1.02N OF THE STANDARD SPECIFICATIONS.
10. THE MOBILE CONSTRUCTION ZONE IMPACT ATTENUATORS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 712-06 OF THE STANDARD SPECIFICATIONS.
11. FOR UNIT 1, THE IMPACT ATTENUATOR IS OPTIONAL IF THE VEHICLE IS COMPLETELY OFF THE TRAVEL LANE.
12. ALL SIGNS MAY BE FOUND IN THE MUTCD. ALL "W" SERIES SIGNS SHALL BE BLACK ON FLUORESCENT ORANGE. ALL REFLECTORIZED SIGN BACKGROUNDS SHALL BE CLASS "B" OR "C" REFLECTIVE SHEETING.
13. THE "LANE CLOSED" SIGN, (W8-33C), SHALL BE MOUNTED BELOW THE FLASHING ARROW PANEL ON THE VEHICLES SHOWN.
14. THE BUFFER DISTANCE IS THE DISTANCE FROM THE FRONT OF THE SHADOW VEHICLE TO THE BEGINNING OF THE WORK AREA. THE UNIT NEAREST TO THE WORK AREA SHALL BE POSITIONED IN ACCORDANCE WITH THE FOLLOWING TABLE:

APPROACH SPEED	RECOMMENDED BUFFER DISTANCE
90 - 100 km/H	68m
70 - 90 km/H	53m
LESS THAN 70 km/H	30m

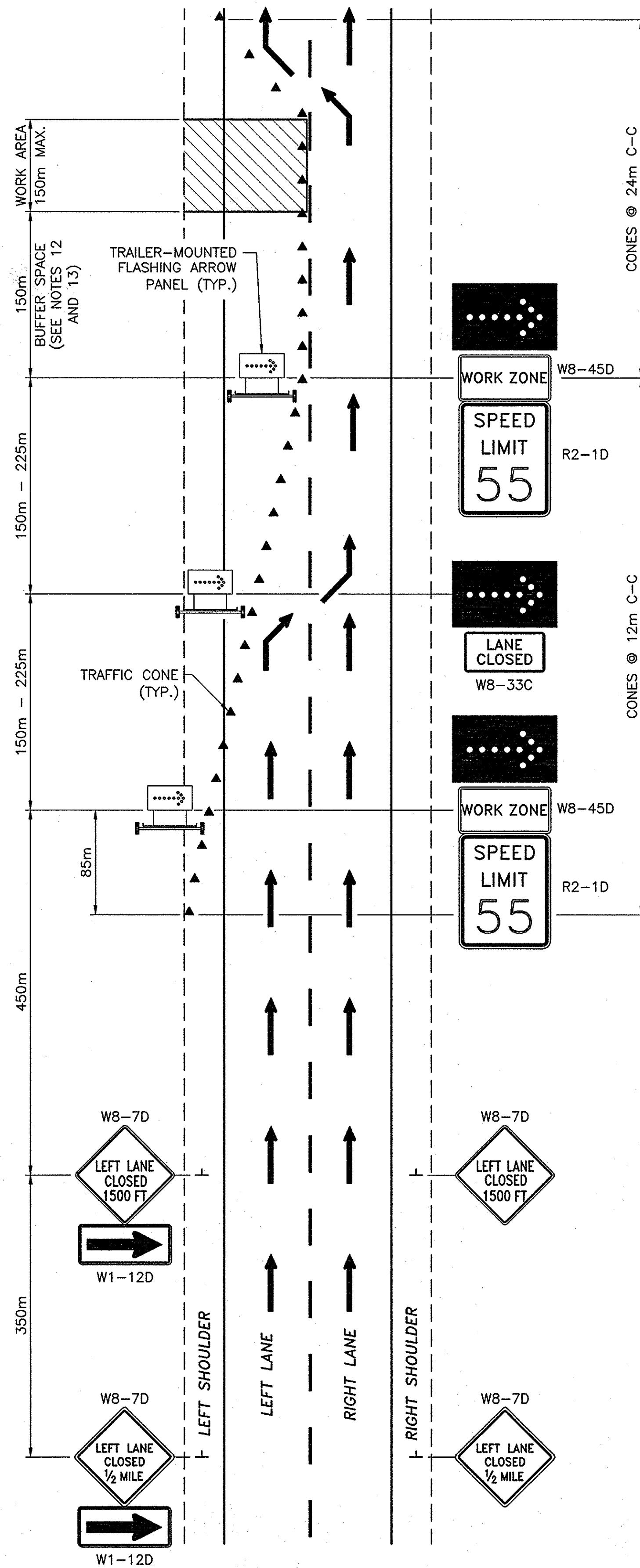
15. FOR NIGHTTIME OPERATIONS, ALL PROVISIONS OF SECTION 619-3.13 OF THE STANDARD SPECIFICATIONS SHALL APPLY.

* FOR STOPPAGES OF MORE THAN 10 (TEN) MINUTES BUT LESS THAN 45 (FORTY-FIVE) MINUTES, THE "SPEED LIMIT 55" (R2-1D) WITH "WORK ZONE" (W8-45D) SIGNS SHOWN ON DRAWINGS LCST (M) AND 2-LCST (M) WILL NOT BE REQUIRED FOR THE CONVERSION TO THE SHORT TERM CLOSURE.

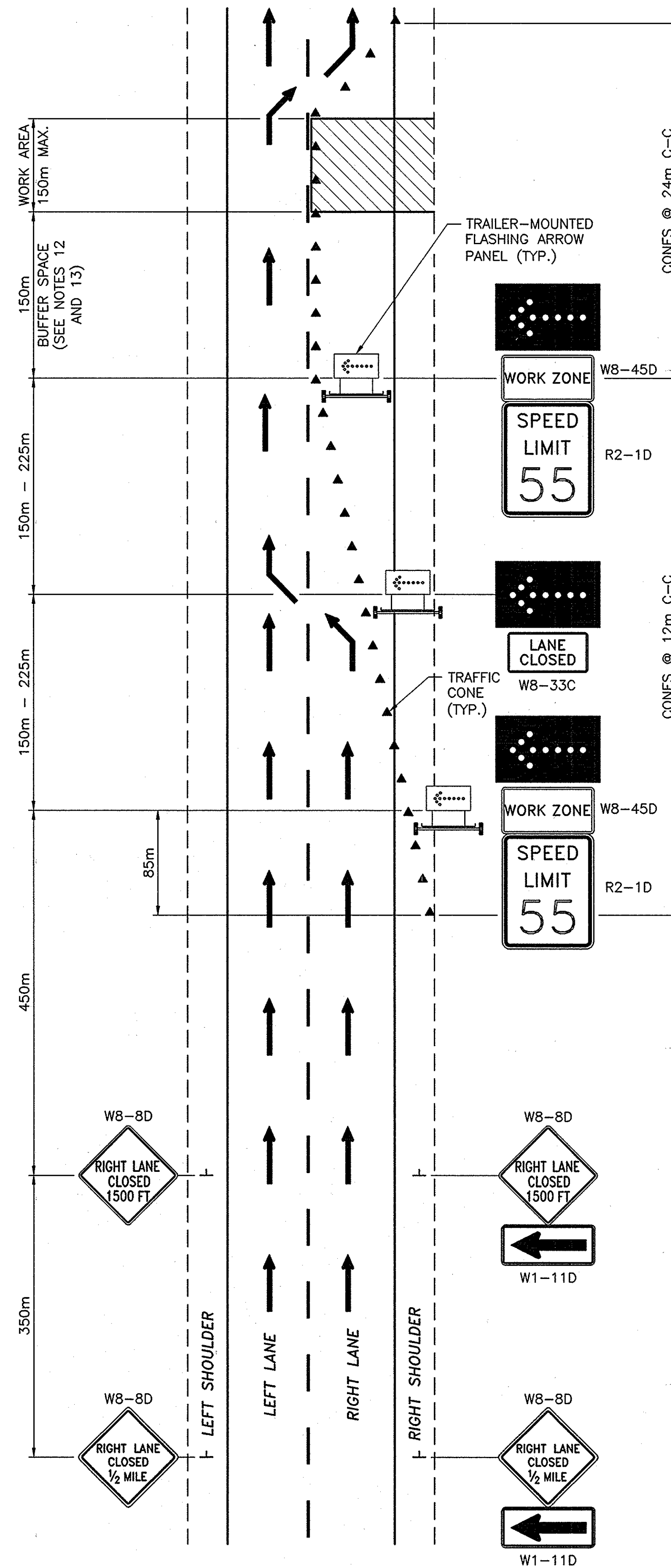
LEGEND

- MOBILE CONSTRUCTION ZONE IMPACT ATTENUATOR
- TRUCK-MOUNTED CONSTRUCTION FLAGS

2009 10-29	NO AS BUILT REVISIONS	Handwritten	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO MP 240.9			
TITLE OF DRAWING MOVABLE LANE CLOSURE			
CONTRACT NUMBER: TAS 06-38		DATE: 5/05	
DRAWING NUMBER: LCM (M)			

TRAFFIC CONTROL PLAN FOR
SHORT TERM LEFT LANE CLOSURE[†]

N.T.S.

TRAFFIC CONTROL PLAN FOR
SHORT TERM RIGHT LANE CLOSURE

N.T.S.

NOTES:

- THESE PLANS ARE TO BE UTILIZED ONLY WHEN AUTHORIZED BY THE ENGINEER.
- WHERE THE LEFT LANE IS TO BE CLOSED, THE FIRST UNIT IS TO BE LOCATED ON THE LEFT SHOULDER, THE SECOND UNIT STRADDLES THE LEFT SHOULDER AND THE LEFT LANE, AND THE THIRD UNIT IS IN THE LEFT LANE. ALL UNITS SHALL DISPLAY A FLASHING RIGHT ARROW.
- WHERE THE RIGHT LANE IS TO BE CLOSED, THE FIRST UNIT IS TO BE LOCATED ON THE RIGHT SHOULDER, THE SECOND UNIT STRADDLES THE RIGHT SHOULDER AND THE RIGHT LANE, AND THE THIRD UNIT IS IN THE RIGHT LANE. ALL UNITS SHALL DISPLAY A FLASHING LEFT ARROW.
- THE SHORT TERM LANE CLOSURE MAY BE UTILIZED AT ONE WORK AREA, ONCE PER WORKING DAY, FOR A DURATION OF 6 (SIX) HOURS OR LESS.
- TRUCKS SHALL NOT REMAIN ATTACHED TO THE TRAILER-MOUNTED FLASHING ARROW PANELS WITHIN THESE CLOSURES.
- TRAILER-MOUNTED FLASHING ARROW PANELS SHALL CONFORM TO SECTION 294.5 OF THE NEW YORK STATE CODES, RULES AND REGULATIONS, TITLE 17(B) - DEPARTMENT OF TRANSPORTATION, CHAPTER V - UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE SIZE SHALL BE TYPE "C" (2.4m x 1.2m).
- SHADOW VEHICLES WITH FLASHING ARROW PANELS AND IMPACT ATTENUATORS MAY BE SUBSTITUTED FOR THE TRAILER-MOUNTED FLASHING ARROW PANELS. SHADOW VEHICLES SHALL MEET THE REQUIREMENTS ESTABLISHED IN SECTION 619-1.02N OF THE STANDARD SPECIFICATIONS. THE TRUCK-MOUNTED FLASHING ARROW PANELS SHALL CONFORM TO SECTION 294.5 OF THE MUTCD. THE MINIMUM SIZE SHALL BE TYPE "B" (1.5m x 750mm). IMPACT ATTENUATORS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 712-06 OF THE STANDARD SPECIFICATIONS.
- ALL FLASHING ARROW PANELS SHALL DISPLAY A FULL ARROW FLASH ONLY. CHEVRONS AND SEQUENTIAL ARROW FLASHES ARE NOT ALLOWED.
- THE MINIMUM HEIGHT OF THE FLASHING ARROW PANELS SHALL BE 1.5m FROM THE PAVEMENT TO THE BOTTOM OF THE PANEL.
- ALL SIGNS MAY BE FOUND IN THE MUTCD. ALL "W" SERIES SIGNS SHALL BE BLACK ON FLUORESCENT ORANGE. ALL REFLECTORIZED SIGN BACKGROUNDS SHALL BE CLASS "B" OR "C" REFLECTIVE SHEETING.
- THE "SPEED LIMIT 55" (R2-1D) WITH "WORK ZONE" (W8-45D) SIGNS AND THE "LANE CLOSED" SIGN (W8-33C) SHALL BE MOUNTED BELOW THE FLASHING ARROW PANEL ON THE TRAILERS SHOWN. THE SAME SHALL BE DONE IF SHADOW VEHICLES ARE BEING USED.
- THE MINIMUM BUFFER SPACE LENGTH SHALL BE 150m. THE LENGTH OF THE BUFFER SPACE SHALL BE EXTENDED, AS ORDERED BY THE ENGINEER, TO ENSURE ADEQUATE SIGHT DISTANCE FOR VEHICLES APPROACHING THE LANE CLOSURE TAPER.
- THE USE OF A SHADOW VEHICLE IS REQUIRED WHEN EITHER (1) WORKERS OR INSPECTORS IN A CLOSED LANE ARE WORKING FROM ACCESS DEVICES SUCH AS LADDERS, SCAFFOLDING, MAN-LIFTS, BUCKET TRUCKS, PLATFORMS, ETC., OR (2) IT IS NOT POSSIBLE TO PROVIDE THE MINIMUM BUFFER SPACE SHOWN.

IF A SHADOW VEHICLE IS UTILIZED, IT SHALL BE PLACED UPSTREAM OF THE WORK AREA IN ACCORDANCE WITH THE FOLLOWING TABLE:

APPROACH SPEED	RECOMMENDED BUFFER DISTANCE *
90 - 100 km/H	53m
70 - 90 km/H	38m
LESS THAN 70 km/H	30m

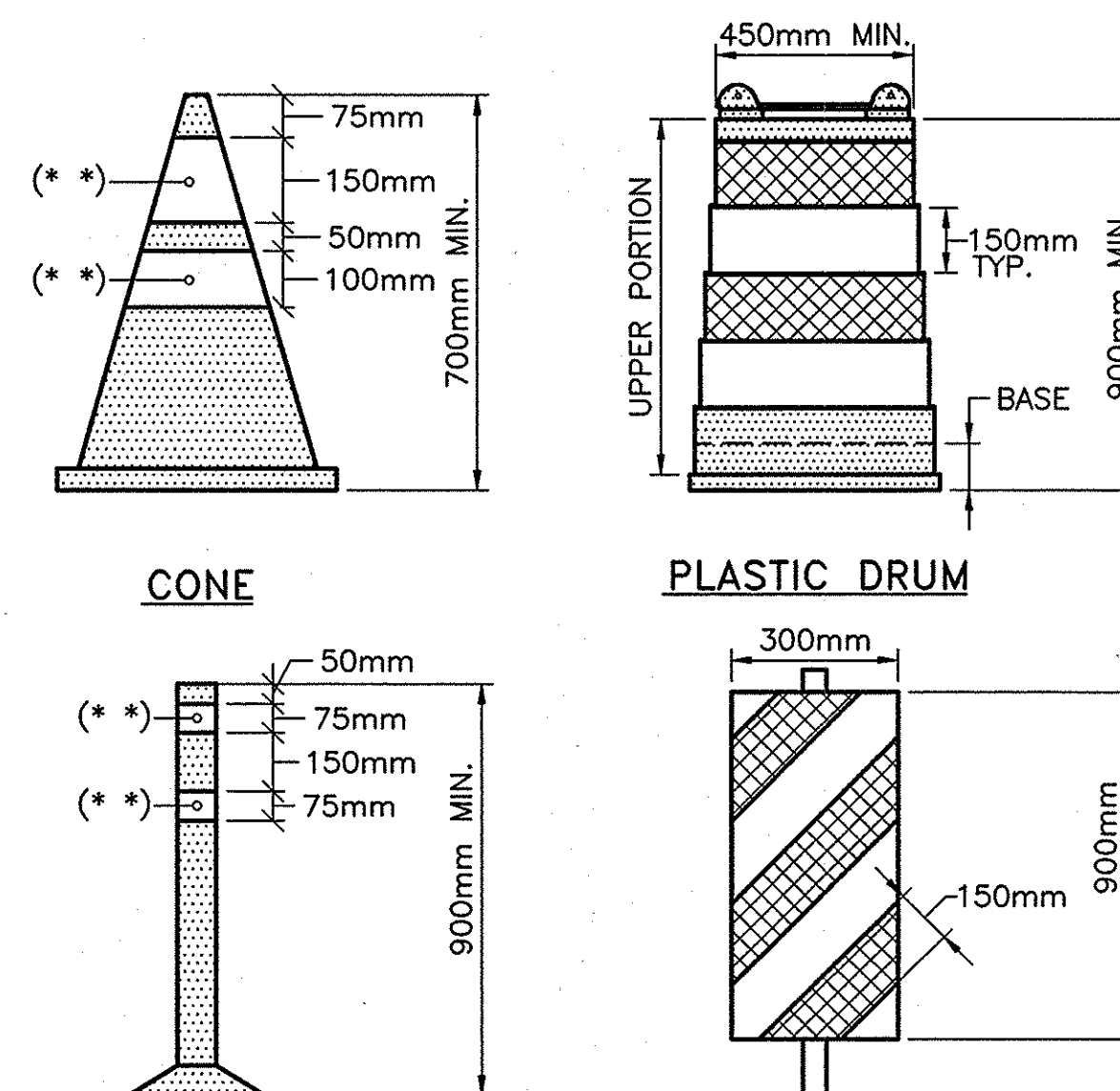
*THE BUFFER DISTANCE IS THE DISTANCE FROM THE FRONT OF THE SHADOW VEHICLE TO THE BEGINNING OF THE WORK AREA.

THE SHADOW VEHICLE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 619-1.02N OF THE STANDARD SPECIFICATIONS. THE COST OF THE SHADOW VEHICLE SHALL BE INCLUDED AND PAID UNDER THE BASIC MAINTENANCE AND PROTECTION OF TRAFFIC ITEM.

- FOR NIGHTTIME OPERATIONS, ALL PROVISIONS OF SECTION 619-3.13 OF THE STANDARD SPECIFICATIONS SHALL APPLY. IN ADDITION, DRUMS OR VERTICAL PANELS AT 12m SPACINGS SHALL BE REQUIRED FOR TAPER SECTIONS, AND 900mm CONES AT 12m SPACINGS SHALL BE REQUIRED ALONG TANGENT SECTIONS.

† NARROW SHOULDER SITUATIONS:

- THE DETAIL SHOWN IS FOR USE IN AREAS HAVING A FULL-WIDTH LEFT SHOULDER/MEDIAN. IN AREAS WHERE THE LEFT LANE IS TO BE CLOSED AND THE USABLE LEFT SHOULDER/MEDIAN IS LESS THAN 2.4m, SHADOW VEHICLES WITH FLASHING ARROW PANELS AND IMPACT ATTENUATORS SHALL BE SUBSTITUTED FOR THE TRAILER-MOUNTED FLASHING ARROW PANELS SHOWN. THE FIRST UNIT IS AS FAR LEFT ON THE LEFT SHOULDER/MEDIAN AS CONDITIONS PERMIT, THE SECOND UNIT STRADDLES THE LEFT SHOULDER AND THE LEFT LANE, AND THE THIRD UNIT IS IN THE LEFT LANE.
- IN AREAS WHERE THERE IS NO LEFT SHOULDER/MEDIAN, UNITS 1 AND 2 SHALL BE IN THE LEFT LANE.



TUBULAR MARKER*

VERTICAL PANEL*

CHANNELIZING DEVICES

N.T.S.

LEGEND

- WHITE RETROREFLECTORIZED SHEETING, CLASS C (3M, 3910 SERIES OR EQUAL)
- ORANGE RETROREFLECTORIZED SHEETING, CLASS C (3M, 3910 SERIES OR EQUAL)
- NON-REFLECTORIZED ORANGE
- (*) APPROVED REFLECTORIZED WHITE BAND OR COLLAR (CLASS B OR C) REQUIRED FOR NIGHT USE.

* THESE DEVICES ARE OPTIONAL. WITH THE APPROVAL OF THE ENGINEER, TUBULAR MARKERS MAY BE SUBSTITUTED FOR CONES AND VERTICAL PANELS MAY BE SUBSTITUTED FOR PLASTIC DRUMS.

2007 10-29	NO AS BUILT REVISIONS	landed	
8/06	SHEETING SPEC. CHANGE	J.P.	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING SHORT TERM LANE CLOSURE (SINGLE LANE)			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	5/05
		DRAWING NUMBER:	LCST (M)

SS\STRIPING-LANE-CLOSURE-GUIDE.dwg
CHECKED BY: J. PEGARELLA
DRAFTED BY: CAD
DESIGNED BY: JA
IN CHARGE OF: JA

TRAFFIC CONTROL GUIDE FOR PAVEMENT STRIPING OPERATIONS		THRUWAY MAINLINE		
		TWO LANE SECTION	THREE LANE SECTION	FOUR LANE SECTION
STRIPING OPERATION	LEFT EDGE LINE ONLY	DRAWING LCM-PS (M) MOVABLE LEFT LANE CLOSURE (STRIPING OF EDGE LINE ONLY)	DRAWING LCM-PS (M) MOVABLE LEFT LANE CLOSURE (STRIPING OF EDGE LINE ONLY)	DRAWING LCM-PS (M) MOVABLE LEFT LANE CLOSURE (STRIPING OF EDGE LINE ONLY)
	LEFT EDGE LINE WITH LEFT SKIP LINE	DRAWING LCM-PS (M) MOVABLE LEFT LANE CLOSURE	DRAWING LCM-PS (M) MOVABLE LEFT LANE CLOSURE	DRAWING LCM-PS (M) MOVABLE LEFT LANE CLOSURE
	LEFT SKIP LINE ONLY	DRAWING LCM-PS (M) MOVABLE LEFT LANE CLOSURE	DRAWING LCM-PS (M) MOVABLE LEFT LANE CLOSURE	DRAWING LCM-PS (M) MOVABLE LEFT LANE CLOSURE
	CENTER SKIP LINE			DRAWING LCM-PS (M) MOVABLE LEFT TWO LANE CLOSURE
	RIGHT SKIP LINE ONLY		DRAWING LCM-PS (M) MOVABLE LEFT TWO LANE CLOSURE	DRAWING LCM-PS (M) MOVABLE RIGHT LANE CLOSURE DRAWING INT (M) TYPICAL DECELERATION AND ACCELERATION LANES
	RIGHT EDGE LINE	DRAWING LCM-PS (M) MOVABLE RIGHT LANE CLOSURE (STRIPING OF EDGE LINE ONLY)	DRAWING LCM-PS (M) MOVABLE RIGHT LANE CLOSURE (STRIPING OF EDGE LINE ONLY)	DRAWING LCM-PS (M) MOVABLE RIGHT LANE CLOSURE (STRIPING OF EDGE LINE ONLY)
	RIGHT EDGE LINE AT DECELERATION AND ACCELERATION LANES	DRAWING LCM-PS(M) MOVABLE RIGHT LANE CLOSURE (STRIPING OF EDGE LINE ONLY) DRAWING INT-PS (M)	DRAWING LCM-PS(M) MOVABLE RIGHT LANE CLOSURE (STRIPING OF EDGE LINE ONLY) DRAWING INT-PS (M)	DRAWING LCM-PS(M) MOVABLE RIGHT LANE CLOSURE (STRIPING OF EDGE LINE ONLY) DRAWING INT-PS (M)
	EDGE LINES AT EXIT AND ENTRANCE RAMPS			
	GORES	DRAWING INT (M) TYPICAL ACCELERATION AND DECELERATION LANES DRAWING LCST (M)	DRAWING INT (M) TYPICAL ACCELERATION AND DECELERATION LANES DRAWING LCST (M)	DRAWING INT (M) TYPICAL ACCELERATION AND DECELERATION LANES DRAWING LCST (M)

NOTES:

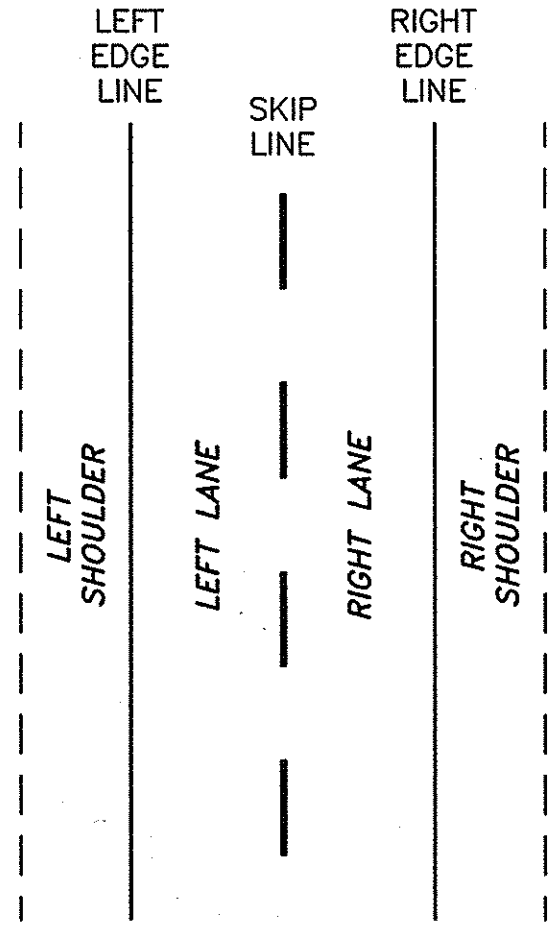
1. THE TABLE SHOWN IS INTENDED TO BE A GUIDE IN SELECTING THE APPROPRIATE TRAFFIC CONTROL PLAN FOR PAVEMENT STRIPING OPERATIONS.
2. THE FOLLOWING STANDARD TRAFFIC CONTROL DRAWINGS ARE REFERENCED IN THE TABLE:

LCM-PS (M) - MOVABLE LANE CLOSURE FOR PAVEMENT STRIPING

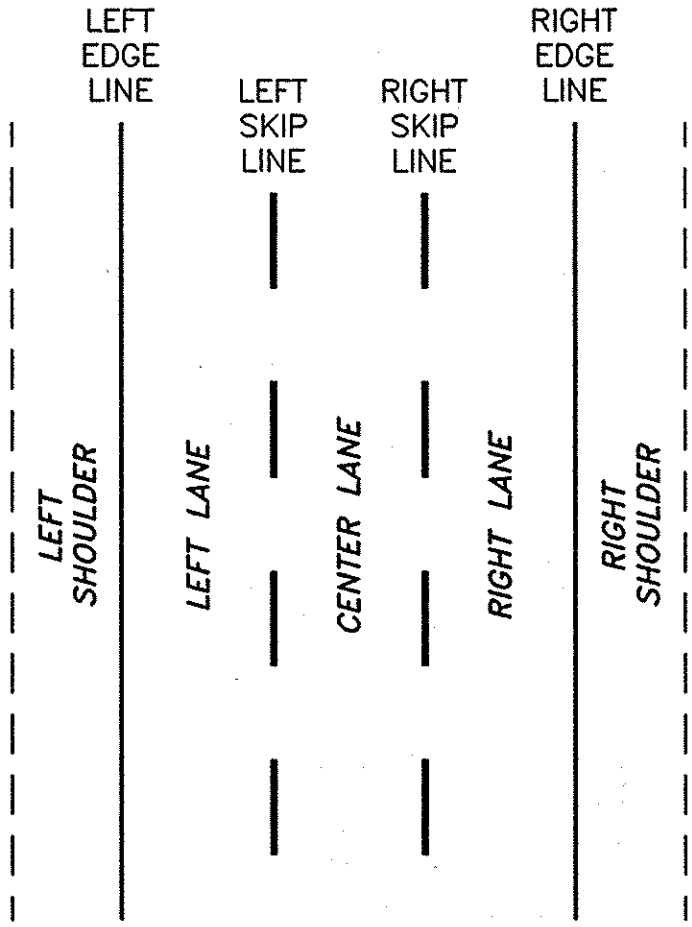
INT-PS (M) - TRAFFIC CONTROL FOR PAVEMENT STRIPING AT INTERCHANGES, SERVICE AREAS, AND PARKING AREAS

INT (M) - TRAFFIC CONTROL AT INTERCHANGES, SERVICE AREAS, AND PARKING AREAS

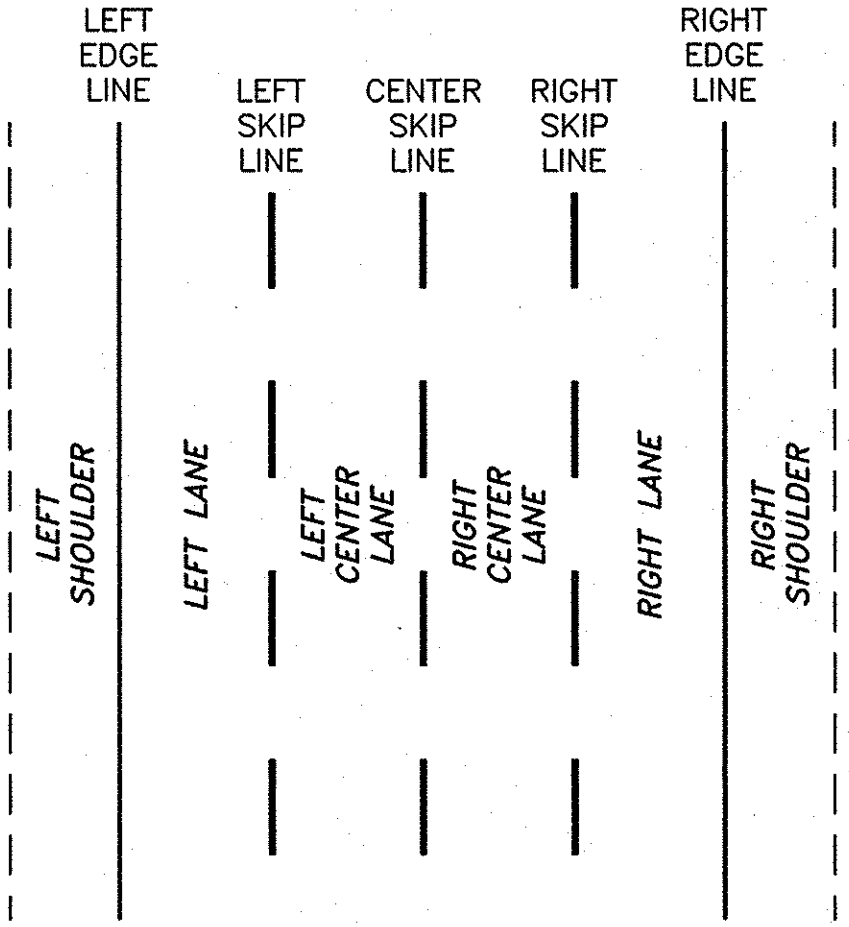
LCST (M) - STATIONARY LANE CLOSURE (SHORT TERM, SINGLE LANE)
3. DRAWINGS REFERENCED ON THIS SHEET THAT HAVE NOT BEEN INCLUDED IN THE CONTRACT ARE NOT APPLICABLE.



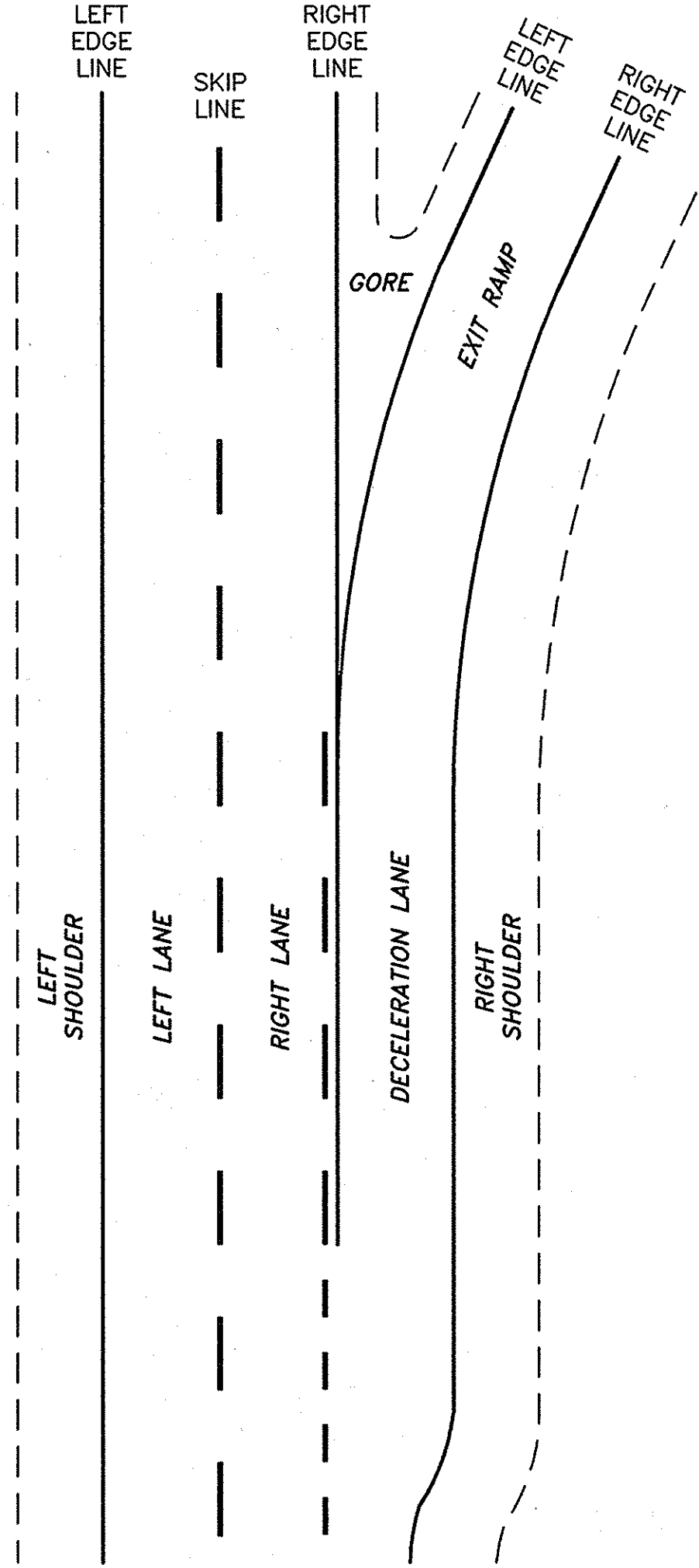
SCHEMATIC
TWO LANE SECTION
N.T.S.



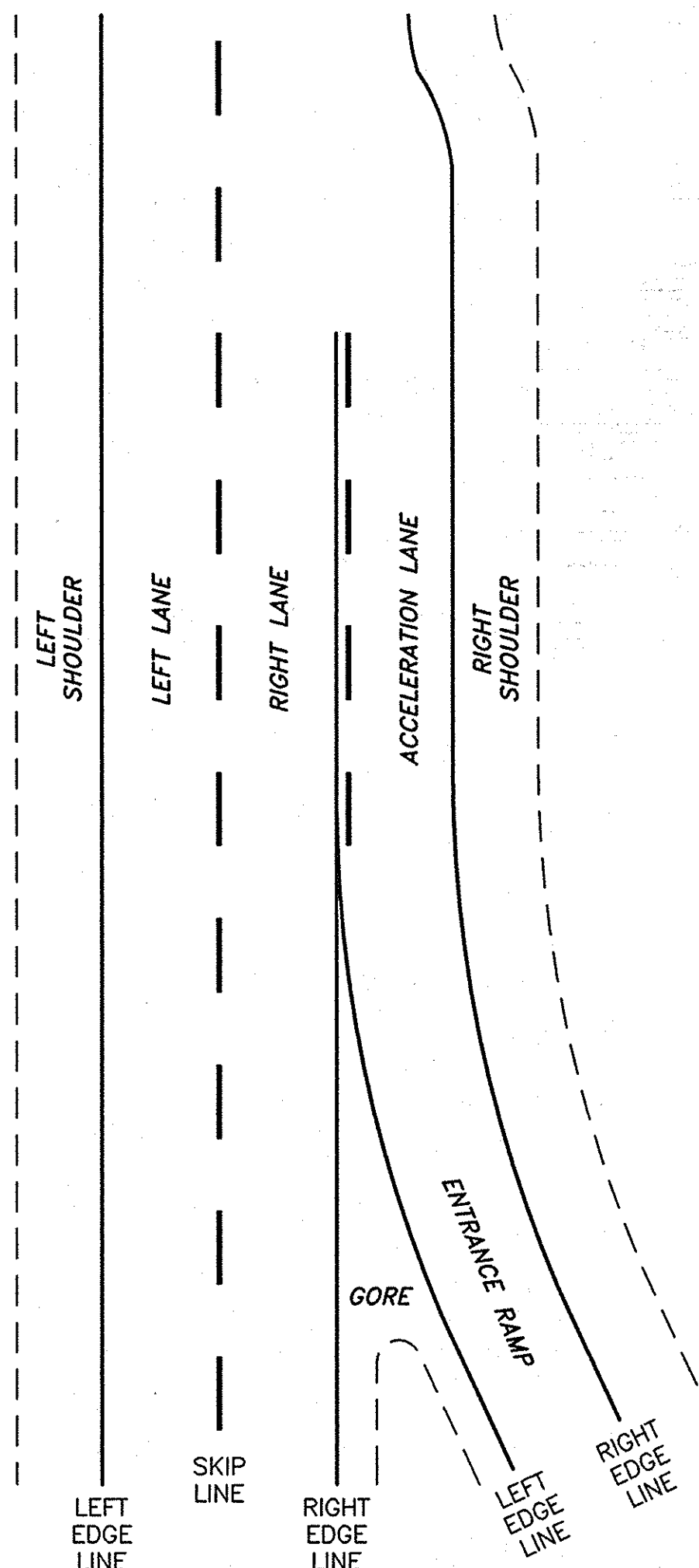
SCHEMATIC
THREE LANE SECTION
N.T.S.



SCHEMATIC
FOUR LANE SECTION
N.T.S.

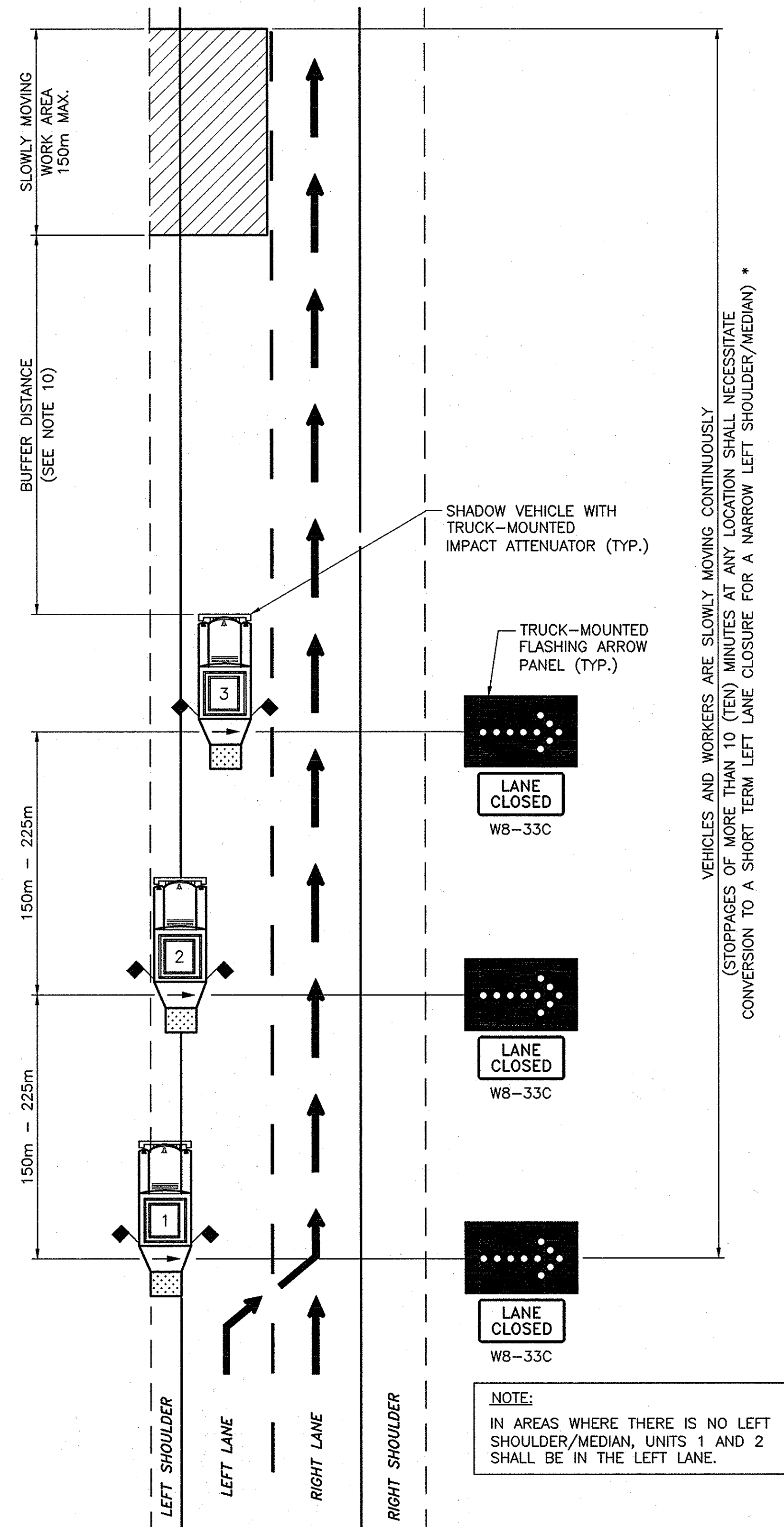


SCHEMATIC
DECELERATION LANE
AND EXIT RAMP
N.T.S.

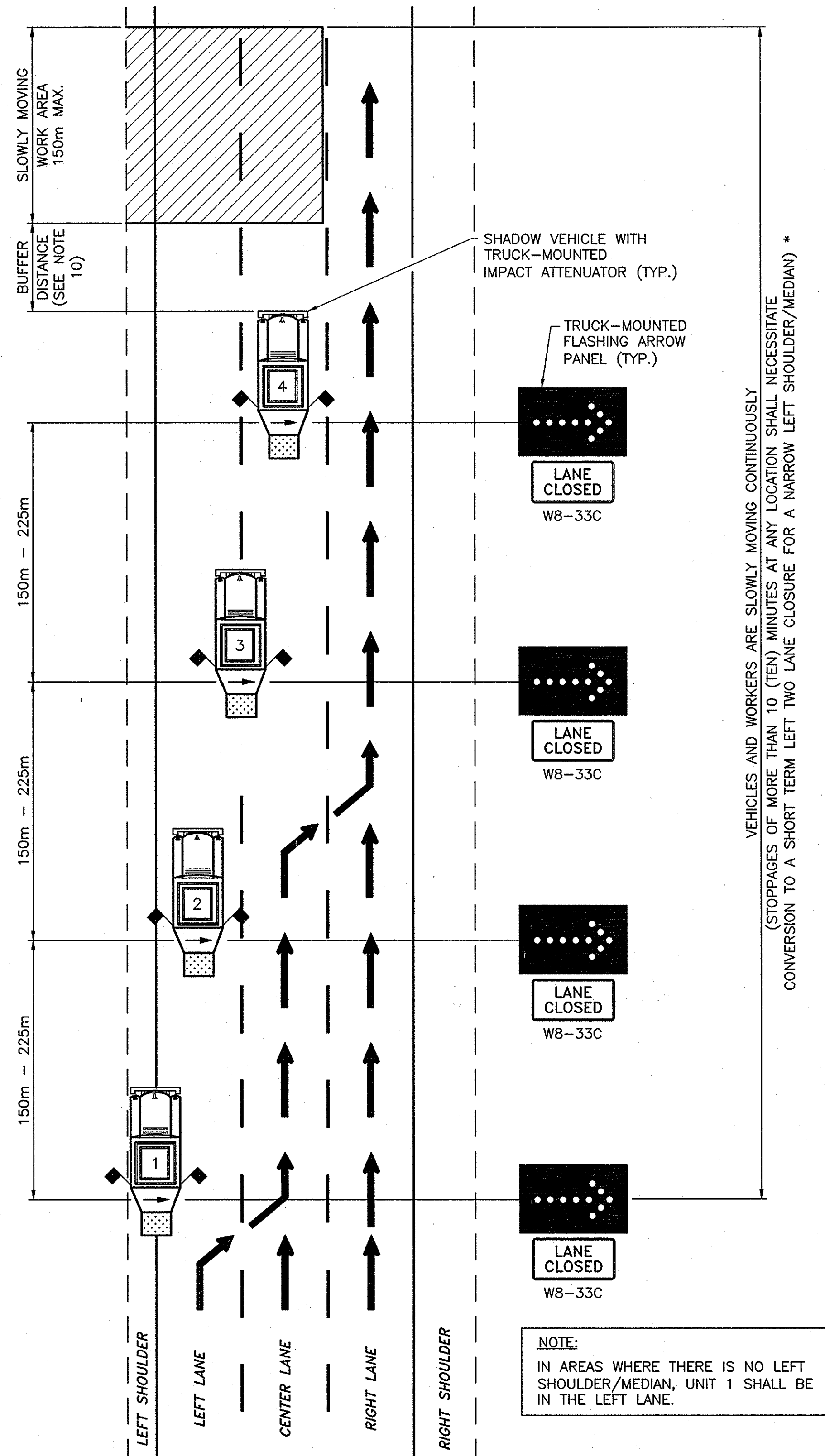


SCHEMATIC
ACCELERATION LANE
AND ENTRANCE RAMP
N.T.S.

2007 10-29	NO AS BUILT REVISIONS	Sandhu	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 253.5 TO M.P. 240.9			
TITLE OF DRAWING TRAFFIC CONTROL GUIDE FOR PAVEMENT STRIPING OPERATIONS			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	7/05
		DRAWING NUMBER:	PM-G (M)



TRAFFIC CONTROL PLAN FOR
MOVABLE LEFT LANE CLOSURE
N.T.S.



TRAFFIC CONTROL PLAN FOR
MOVABLE LEFT TWO LANE CLOSURE
N.T.S.

NOTES:

1. THESE PLANS ARE TO BE UTILIZED ONLY WHEN AUTHORIZED BY THE ENGINEER. THEY SHALL BE USED WHEN ESTABLISHING A MOVABLE LEFT LANE CLOSURE OR MOVABLE LEFT TWO-LANE CLOSURE IN AREAS WHERE THE USABLE LEFT SHOULDER/MEDIAN IS LESS THAN 2.4m.
2. WHERE THE LEFT LANE IS TO BE CLOSED, THE FIRST UNIT IS AS FAR LEFT ON THE LEFT SHOULDER AS CONDITIONS PERMIT, THE SECOND UNIT STRADDLES THE LEFT SHOULDER AND THE LEFT LANE, AND THE THIRD UNIT IS IN THE LEFT LANE. ALL UNITS SHALL DISPLAY A FLASHING RIGHT ARROW.
3. WHERE THE LEFT TWO LANES ARE TO BE CLOSED, THE FIRST UNIT STRADDLES THE LEFT SHOULDER AND THE LEFT LANE, THE SECOND UNIT IS IN THE LEFT LANE, THE THIRD UNIT STRADDLES THE LEFT LANE AND THE CENTER LANE, AND THE FOURTH UNIT IS IN THE CENTER LANE. ALL UNITS SHALL DISPLAY A FLASHING RIGHT ARROW.
4. TRUCK-MOUNTED FLASHING ARROW PANELS SHALL CONFORM TO SECTION 294.5 OF THE NEW YORK STATE CODES, RULES AND REGULATIONS, TITLE 17(B) - DEPARTMENT OF TRANSPORTATION, CHAPTER V - UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE MINIMUM SIZE SHALL BE TYPE "B" (1.5m x 750mm). ALL FLASHING ARROW PANELS SHALL DISPLAY A FULL ARROW FLASH ONLY. CHEVRONS AND SEQUENTIAL ARROW FLASHES ARE NOT ALLOWED.
5. THE MINIMUM HEIGHT OF FLASHING ARROW PANELS SHALL BE 1.5m FROM THE PAVEMENT TO THE BOTTOM OF THE PANEL.
6. THE SHADOW VEHICLES SHALL CONFORM TO THE REQUIREMENTS OF SECTION 619-1.02N OF THE STANDARD SPECIFICATIONS.
7. THE MOBILE CONSTRUCTION ZONE IMPACT ATTENUATORS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 712-06 OF THE STANDARD SPECIFICATIONS.
8. ALL SIGNS MAY BE FOUND IN THE MUTCD. ALL "W" SERIES SIGNS SHALL BE BLACK ON FLUORESCENT ORANGE. ALL REFLECTORIZED SIGN BACKGROUNDS SHALL BE CLASS "B" OR "C" REFLECTIVE SHEETING.
9. THE "LANE CLOSED" SIGN, (W8-33C), SHALL BE MOUNTED BELOW THE FLASHING ARROW PANEL ON THE VEHICLES SHOWN.
10. THE BUFFER DISTANCE IS THE DISTANCE FROM THE FRONT OF THE SHADOW VEHICLE TO THE BEGINNING OF THE WORK AREA. THE UNIT NEAREST TO THE WORK AREA SHALL BE POSITIONED IN ACCORDANCE WITH THE FOLLOWING TABLE:

APPROACH SPEED	RECOMMENDED BUFFER DISTANCE
90 - 100 km/H	68m
70 - 90 km/H	53m
LESS THAN 70 km/H	30m

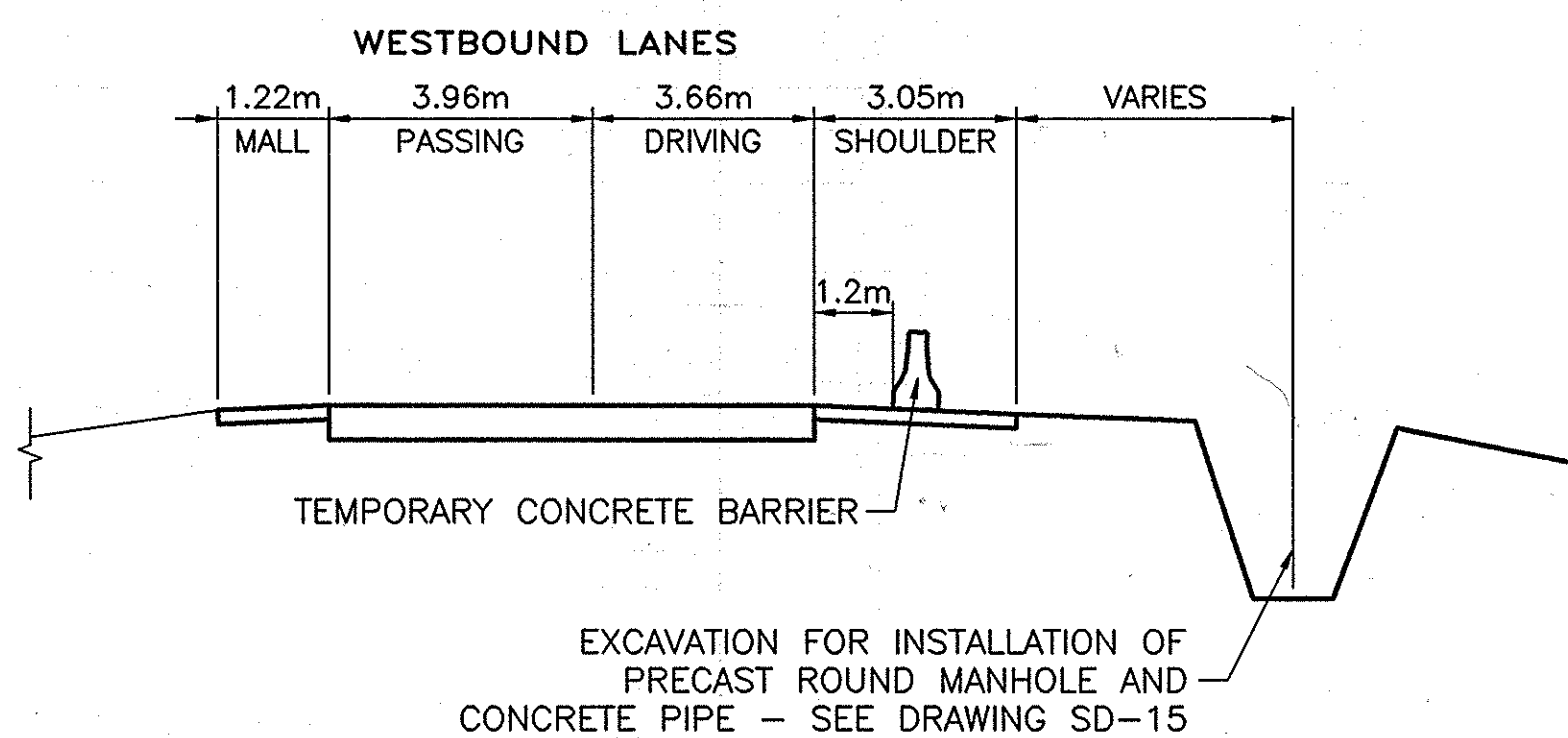
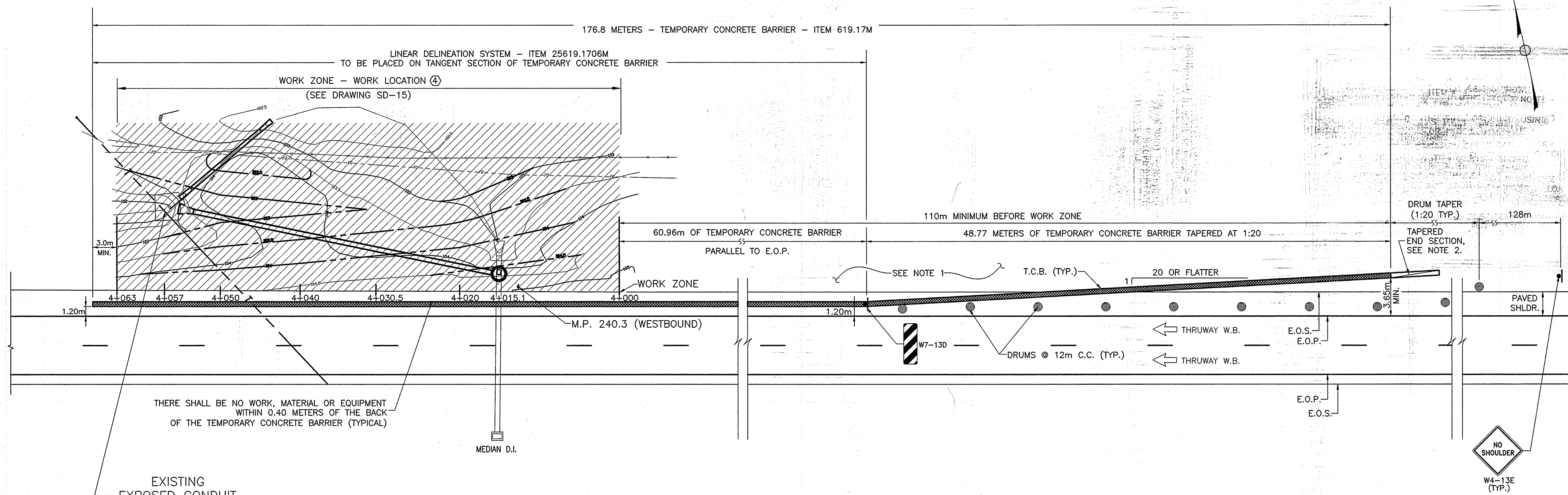
11. FOR NIGHTTIME OPERATIONS, ALL PROVISIONS OF SECTION 619-3.13 OF THE STANDARD SPECIFICATIONS SHALL APPLY.

* FOR STOPPAGES OF MORE THAN 10 (TEN) MINUTES BUT LESS THAN 45 (FORTY-FIVE) MINUTES, THE "SPEED LIMIT 55" (R2-1D) WITH "WORK ZONE" (W8-45D) SIGNS SHOWN ON DRAWINGS LCST (M) AND 2-LCST (M) WILL NOT BE REQUIRED FOR THE CONVERSION TO THE SHORT TERM CLOSURE.

LEGEND

- MOBILE CONSTRUCTION ZONE IMPACT ATTENUATOR
- TRUCK-MOUNTED CONSTRUCTION FLAGS

2007 10-29	NO AS BUILT REVISIONS	Sambasani	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING MOVABLE LANE CLOSURE (NARROW LEFT SHOULDER)			
CONTRACT NUMBER: TAS 06-38		DATE: 5/05	
DRAWING NUMBER: LCM-NS (M)			



NOTES:

1. NO MATERIAL OR EQUIPMENT SHALL BE STORED OUTSIDE THE WORK AREA UNLESS APPROVED BY THE ENGINEER.
2. USE TAPERED END SECTION WHEN LAST FULL HEIGHT BARRIER SECTION IS PLACED GREATER THAN 3.65m OFF EDGE OF TRAVELED WAY. T.C.B. AND END SECTION MUST BE PLACED IN AREAS 1:10 OR FLATTER.
3. SEE DRAWING PL-4 FOR GENERAL PLAN AND SEE DRAWING SD-15 FOR GRADING PLAN.
4. UTILITY NOTE - SEE CONTRACT PROPOSAL FOR LIST OF UTILITIES AND CONTACT PERSON.

LEGEND	
	WORK ZONE
	TEMPORARY CONCRETE BARRIER (T.C.B.)
	DRUM
	SIGN

TEMPORARY CONCRETE BARRIER PROTECTION FOR
MAINLINE THRUWAY WORK AREA
MILEPOST 240.30 WESTBOUND RIGHT

N.T.S.
WORK LOCATION ④

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

10-29	NO AS BUILT REVISIONS	Jandadaini	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING TEMPORARY CONCRETE BARRIER FOR WORK LOCATION 4			
CONTRACT NUMBER: TAS 06-38		DATE: 9/6/06	
DRAWING NUMBER: TCB			



GUIDE RAIL TABLE																															
GUIDE RAIL WORK LOCATION NUMBER	APPROXIMATE MILEPOST	DRAWING NUMBER																													
			ITEM 587.1002M - BOX BEAM BRIDGE RAIL TWO RAIL	ITEM 606.10M - BOX BEAM GUIDE RAILING	ITEM 606.100001M - BOX BEAM GUIDE RAIL, SHOP CURVED	ITEM 606.1203M - BOX BEAM GUIDE RAIL END ASSEMBLY, TYPE III	ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER	ITEM 606.18M - MODIFIED G2 WEAK-POST, CORRUGATED BEAM GUIDE RAIL	ITEM 606.1801M - MODIFIED G2 WEAK-POST, CORRUGATED BEAM GUIDE RAIL WITH EXTRA LONG POSTS	ITEM 606.22M - CORRUGATED BEAM GUIDE RAIL ANCHORAGE UNIT	ITEM 15606.46M CRASH-CUSHION ATTENUATING TERMINAL CATT-350 *(OR 15606.31M - SEE NOTE 2)*	ITEM 606.32M - HEAVY POST BLOCKED OUT CORRUGATED GUIDE RAILING	ITEM 606.33M - HEAVY POST BLOCKED OUT CORRUGATED BEAM MEDIAN BARRIER	ITEM 606.34M - ANCHORAGE UNIT FOR HEAVY POST BLOCKED OUT CORRUGATED BEAM GUIDE RAILING	ITEM 15606.3601M - OPTIONAL END TERMINAL FOR HPBO CORRUGATED BEAM GUIDE RAIL ET2000+ OR SKT-350, STEEL BREAKAWAY POSTS	ITEM 606.51M - RESETTING CORRUGATED BEAM GUIDE RAILING	ITEM 606.56M - RESETTING HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER	ITEM 606.5920M RESETTING BOX BEAM GUIDE RAIL END ASSEMBLY	ITEM 25606.691001M - REMOVE & STORE END TERMINAL FOR HPBO CBGR & MEDIAN BARRIER	ITEM 606.71M - REMOVING AND DISPOSING CORRUGATED BEAM GUIDE RAILING	ITEM 606.72M - REMOVING AND DISPOSING CORRUGATED BEAM MEDIAN BARRIER	ITEM 606.73M - REMOVE AND DISPOSE BOX BEAM GUIDE RAILING	ITEM 606.7510M - REMOVING AND DISPOSING CONCRETE BARRIER-HALF SECTION	ITEM 606.7910M - REMOVE AND DISPOSE CORRUGATED BEAM & MEDIAN BARRIER ANCHORAGE UNIT	ITEM 606.7920M - REMOVE AND DISPOSE BOX BEAM GUIDE RAIL END ASSEMBLY	ITEM 25606.8103M - REMOVE AND DISPOSE GUIDE RAIL TRANSITION-CORRUGATED BEAM TO BOX BEAM INCLUDING ANCHORAGE UNIT	ITEM 606.89M - GUIDE RAIL TRANSITION BOX BEAM TO HEAVY POST BLOCKED OUT CORRUGATED BEAM GUIDE RAIL	ITEM 606.94M PIER PROTECTION	ITEM 606.9601M - MEDIAN BARRIER TRANSITION WEAK POST CORRUGATED BEAM TO HEAVY POST BLOCKED-OUT CORRUGATED BEAM	COMMENTS	
1	240.9 W.B. RIGHT	PL-1		65.8													1														
2	240.81 MEDIAN	PL-1														11.4															SEE NOTE 1
3	240.79 MEDIAN	PL-2														3.8															SEE NOTE 1
4	240.50 E.B. RIGHT	PL-3		16.5	21.9																	55.1	25.9		1				30.9		
5	240.4 W.B. RIGHT	PL-3		109.7		1																55.1	25.9		1				30.9		
6	240.0 E.B. RIGHT	PL-5						148.6		1		15.2			1					106.7				2							SEE NOTE 3
7	239.35 W.B. RIGHT	PL-8									53.3			1										1							
8	239.1 E.B. RIGHT	PL-9 & PL-10						558.2		1		15.2			1					80.0				2							SEE NOTE 3
9	238.75 E.B. RIGHT	PL-10						76.2				15.2			1					22.9				1							SEE NOTE 3
10	238.35 TO 238.75 W.B. RIGHT	PL-10 & PL-11 & PL-12						602.0		1					7.6									1							SEE NOTE 3
11	237.46 TO 238.00 W.B. RIGHT	PL-14 & PL-15 & PL-16							826.8											826.8											
12	236.88 TO 239.10 W.B. RIGHT	PL-9 & PL-10						352.4		1		15.2			1					281.9				2							SEE NOTE 3
13	237.15 E.B. RIGHT	PL-17	14.4	43.8																34.3		11.7				1	1				
14	237.10 W.B. RIGHT	PL-18	14.4	301.9																292.5		11.7				2					
15	240.5-240.47 MEDIAN	PL-3											7.6	1																	SEE DRAWING MD-3
16	234.4 E.B. RIGHT	PL-29 & PL-30						422.9		1		15.2			1					243.9				4							
17	234.4 W.B. RIGHT	PL-29						312.4		1		15.2			1					57.2				4							SEE NOTE 3
18	234.21 W.B. RIGHT	PL-30						148.6		1		15.2			1							89.8			2						
19	234.1 W.B. RIGHT	PL-30 & PL-31						171.5		1		15.2			1					76.2				2							SEE NOTE 3
20	233.9 W.B. RIGHT	PL-31						152.4		1		15.2			1					64.8				2							SEE NOTE 3
21	234.0 E.B. RIGHT	PL-31						163.8		1		15.2			1					61.0				2							SEE NOTE 3
22	233.8 E.B. RIGHT	PL-32						137.2		1		15.2			1					55.6				2							SEE NOTE 3
23	233.5-235.0 MEDIAN	PL-33 TO PL-27										2427.0									2427.0								1		
24	235.0-236.75 MEDIAN	PL-26 TO PL-19										464.9	2461.3	1						320.0	2674.6								2		
25	237.91 MEDIAN	PL-14									1		15.2								38.1			1					1		
26	237.92 MEDIAN	PL-14									1		11.4								38.1			1					1		
27	238.4-239.4 MEDIAN	PL-12 TO PL-8					1649.7				1		15.2								1684.0								1		SEE NOTE 2
28	239.4-240.5 MEDIAN	PL-7 TO PL-3					1680.2											1			1760.2								2		SEE DRAWING MD-3 SEE NOTE 4
29	238.0-239.5 E.B. RT.							777.24												777.24										904.0638 1.0 EA.	
PAGE TOTAL			28.8	537.7	21.9	1	3329.9	3246.2	826.8	11	3	685.4	4937.7	2	12	7.6	15.2	1	1	2573.3	8622.0	223.4	51.8	27	4	3	1	61.8	8		

NOTES:

1) ACTUAL LENGTH OF ITEM 606.56M SHOWN. DRAWING MD-2 FOR PAYMENT FACTOR NOTE

2) THE CONTRACTOR HAS THE OPTION OF USING EITHER ITEM 15606.46M OR ITEM 15606.31M. DO NOT BID BOTH ITEMS.

3) ACTUAL LENGTH OF ITEM 606.18M SHOWN. SEE STANDARD SHEET M606-18 FOR REDUCED POST SPACING AT GUIDE RAIL TRANSITION AND SEE TABLE 606-2 IN THE STANDARD SPECIFICATIONS FOR PAYMENT FACTORS APPLIED FOR REDUCED POST SPACING.

4) ACTUAL LENGTH OF ITEM 606.5148M SHOWN. PAY FOR 25.15 METERS FOR EACH DIRECTION. TOTAL LENGTH=50.31 METERS. SEE DRAWINGS MD-3 & MD-12.

2007 10-29	SEE FINAL BOOK FOR QUANTITIES	Sandra Lewis	
2007 10-29	ADDED NEW LOCATION	Sandra Lewis	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL AND INLAY, 1R SAFETY IMPROVEMENTS & MISCELLANEOUS WORK			
LOCATION SYRACUSE DIVISION MP 233.5 TO MP 240.9			
TITLE OF DRAWING GUIDE RAIL TABLE			
CONTRACT NUMBER: TAS 06-38		DATE: 9/11/06	
DRAWING NUMBER: MT-1			

F:\2006\0638\23-MT-2.dwg
CHECKED BY: A. MASTROIANI
DRAFTED BY: B. KOSLOSKE
DESIGNED BY: B. KOSLOSKE
IN CHARGE OF: A. MASTROIANI

TABLE OF SNOWPLOW MARKERS					
GUIDERAIL IMPROVEMENT LOCATION NUMBER	WESTBOUND APPROXIMATE MILEPOST	DRAWING NUMBER	ITEM 25646.0801M INSTALL SNOWPLOW MARKER SINGLE UNIT		
			EA	EA	EA
1	240.90 W.B. RIGHT	PL-1	1		
	240.70 W.B. RIGHT	PL-2		2	1
5	240.50 W.B. RIGHT	PL-3	1	2	1
	240.17 W.B. RIGHT	PL-4	1		
7	239.35 W.B. RIGHT	PL-8		2	1
12	239.1 W.B. RIGHT	PL-9	1		1
12	238.9 W.B. RIGHT	PL-10		2	1
10	238.75 W.B. RIGHT	PL-10	1		
10	238.35 W.B. RIGHT	PL-12			1
	236.29 W.B. RIGHT	PL-21		2	1
	235.10 W.B. RIGHT	PL-27	1		1
	234.75 W.B. RIGHT	PL-28		2	1
17	234.40 W.B. RIGHT	PL-29 & PL-28	1	2	4
18	234.25 W.B. RIGHT	PL-30	1	2	2
19	234.10 W.B. RIGHT	PL-30 & PL-31	1	2	2
20	233.90 W.B. RIGHT	PL-31	1	2	2
W.B. TOTAL			10	20	19

TABLE OF SNOWPLOW MARKERS					
GUIDERAIL IMPROVEMENT LOCATION NUMBER	EASTBOUND APPROXIMATE MILEPOST	DRAWING NUMBER	ITEM 25646.0801M INSTALL SNOWPLOW MARKER SINGLE UNIT		
			EA	EA	EA
	240.90 E.B. RIGHT	PL-1		2	1
	240.69 E.B. RIGHT	PL-2	1		
4	240.45 E.B. RIGHT	PL-3	1	2	2
6	240.0 E.B. RIGHT	PL-5	1	2	2
8	239.0 E.B. RIGHT	PL-9		2	1
8	238.9 E.B. RIGHT	PL-10	1		1
9	238.76 E.B. RIGHT	PL-10		2	
	236.8 E.B. RIGHT	PL-19	1		1
	236.69 E.B. RIGHT	PL-19		2	1
	236.38 E.B. RIGHT	PL-21	1		1
15	235.09 E.B. RIGHT	PL-26		2	1
	234.98 E.B. RIGHT	PL-27	1		1
	234.75 E.B. RIGHT	PL-28		2	1
16	234.40 E.B. RIGHT	PL-29 & PL-30	1	2	4
21	234.00 E.B. RIGHT	PL-31	1	2	2
22	233.80 E.B. RIGHT	PL-32	1	2	2
E.B. TOTAL			10	22	21

NOTE: THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT CONDITIONS AND QUANTITIES AS SHOWN ON THESE TABLES ARE ESTIMATED AND ARE FOR THE PURPOSE OF PREPARING AN ESTIMATE. IN ANY EVENT, THESE CONDITIONS AND QUANTITIES ARE NOT TO BE DEEMED OR CONSIDERED BY THE CONTRACTOR AS A WARRANTY OR A REPRESENTATION BY THE NYS THRUWAY AUTHORITY OF ACTUAL FIELD CONDITIONS TO BE ENCOUNTERED OR EXACT QUANTITIES OF WORK TO BE PERFORMED.

TEMPORARY BENCH MARKS FOR DRAINAGE WORK LOCATIONS 1 & 4 ONLY

CONTROL SHEET

NORTHING: N/A

EASTING: N/A

ELEVATION: SEE BELOW

DESCRIPTION: BENCHMARK DESCRIPTION AND DIAGRAM AT MILEPOST 240.46 WESTBOUND

UNITS: METERS

DATE: JUNE '06

LOCATION: MILEPOST 240.46 WESTBOUND

COORD.DATUM: ASSUMED

BRG.DATUM: THRUWAY RECORD

VERT. DATUM: ASSUMED

NOTES: FOR INFORMATIONAL PURPOSES ONLY

SKETCH NOT TO SCALE

RECORD

JUDD ROAD

TBM2--RAILROAD SPIKE ON EAST SIDE OF 320mm BOX ELDER TREE
ELEV:100.155m

WOODS/BRUSH

WESTBOUND THRUWAY

TBM1--DI APPROX 15m EAST OF JUDD ROAD IN MEDIAN.MARK ON CORNER
ELEV:100.000m (ASSUMED)

CONTROL SHEET

NORTHING: N/A

EASTING: N/A

ELEVATION: SEE BELOW

DESCRIPTION: BENCHMARK DESCRIPTION AND DIAGRAM AT MILEPOST 240.3 WESTBOUND

UNITS: METERS

DATE: JUNE '06

LOCATION: MILEPOST 240.3 WESTBOUND

COORD.DATUM: ASSUMED

BRG.DATUM: THRUWAY RECORD

VERT. DATUM: ASSUMED

NOTES: FOR INFORMATIONAL PURPOSES ONLY

SKETCH NOT TO SCALE

RECORD

METAL BUILDING

WOODS/ BRUSH

FENCE

WESTBOUND THRUWAY

TBM3--"1" CUT ON CORNER OF CONCRETE TELEPHONE VAULT
ELEV:103.645m

TEMPORARY BENCH MARKS FOR DRAINAGE WORK LOCATION 2 ONLY

CONTROL SHEET

NORTHING: N/A

EASTING: N/A

ELEVATION: SEE BELOW

DESCRIPTION: BENCHMARK DESCRIPTION AND DIAGRAM AT MILEPOST 236.8 EASTBOUND AND MILEPOST 236.7 EASTBOUND

UNITS: METERS

DATE: AUGUST '06

LOCATION: MILEPOST 236.8 WESTBOUND

COORD.DATUM: ASSUMED

BRG.DATUM: THRUWAY RECORD

VERT. DATUM: ASSUMED

NOTES: FOR INFORMATIONAL PURPOSES ONLY

SKETCH NOT TO SCALE

RECORD

MOHAWK STREET

TBM5--NORTHWEST CORNER -- TOP OF CONCRETE DROP INLET (PAINTED) -- APPROX. 158 METERS EAST OF MOHAWK ST.
ELEV:101.495m

WESTBOUND THRUWAY

EASTBOUND THRUWAY

MILEPOST 236.8


TBM4--"1" CUT ON CORNER OF CONCRETE HEADWALL
ELEV:100.000m (ASSUMED)

MEDIAN D.I.

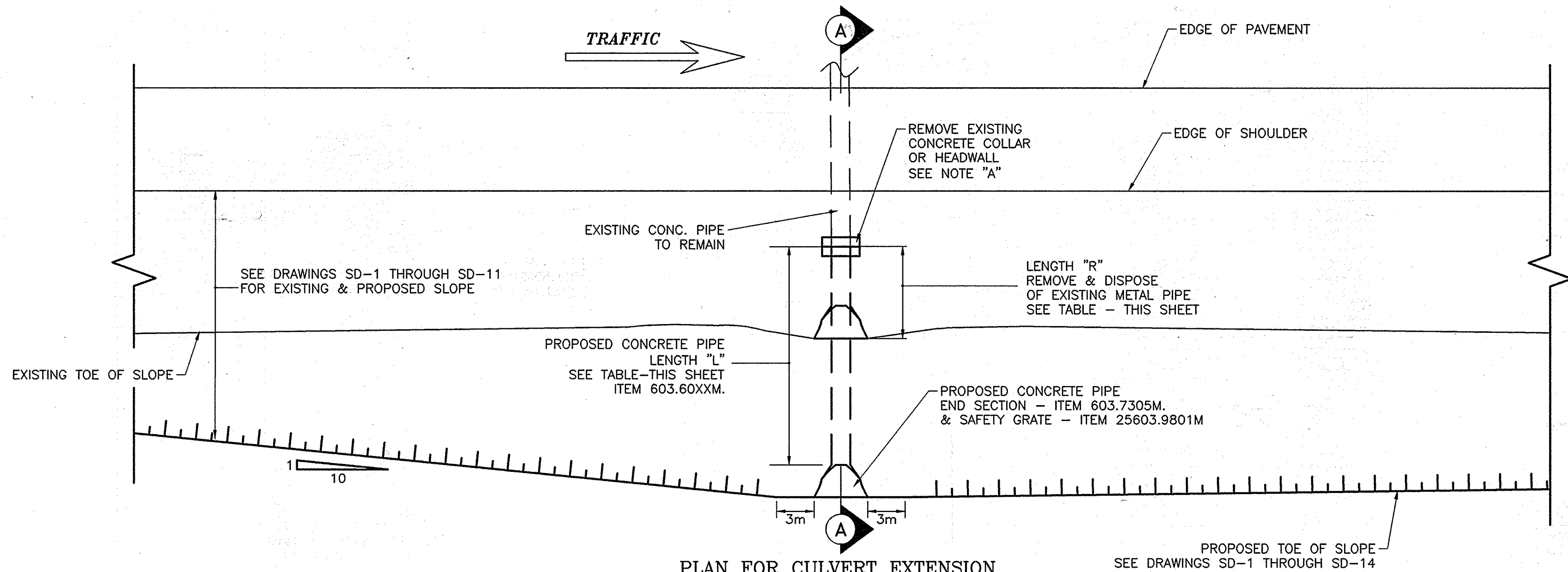
TBM6--NORTHWEST CORNER FRAME-- TOP OF CONCRETE DROP INLET (PAINTED) -- APPROX. 284 METERS EAST OF MOHAWK ST.
ELEV:98.955m

MEDIAN D.I.

MILEPOST 236.7

2006 10-29	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO 240.9			
TITLE OF DRAWING MISCELLANEOUS TABLES			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 9/6/06	
		DRAWING NUMBER: MT-2	

IN CHARGE OF: A. MASTROIANI
DESIGNED BY: B. KOSLOSKE
DRAFTED BY: B. KOSLOSKE
CHECKED BY: A. MASTROIANI
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PLAN FOR CULVERT EXTENSION
DRAINAGE WORK LOCATIONS ① & ②

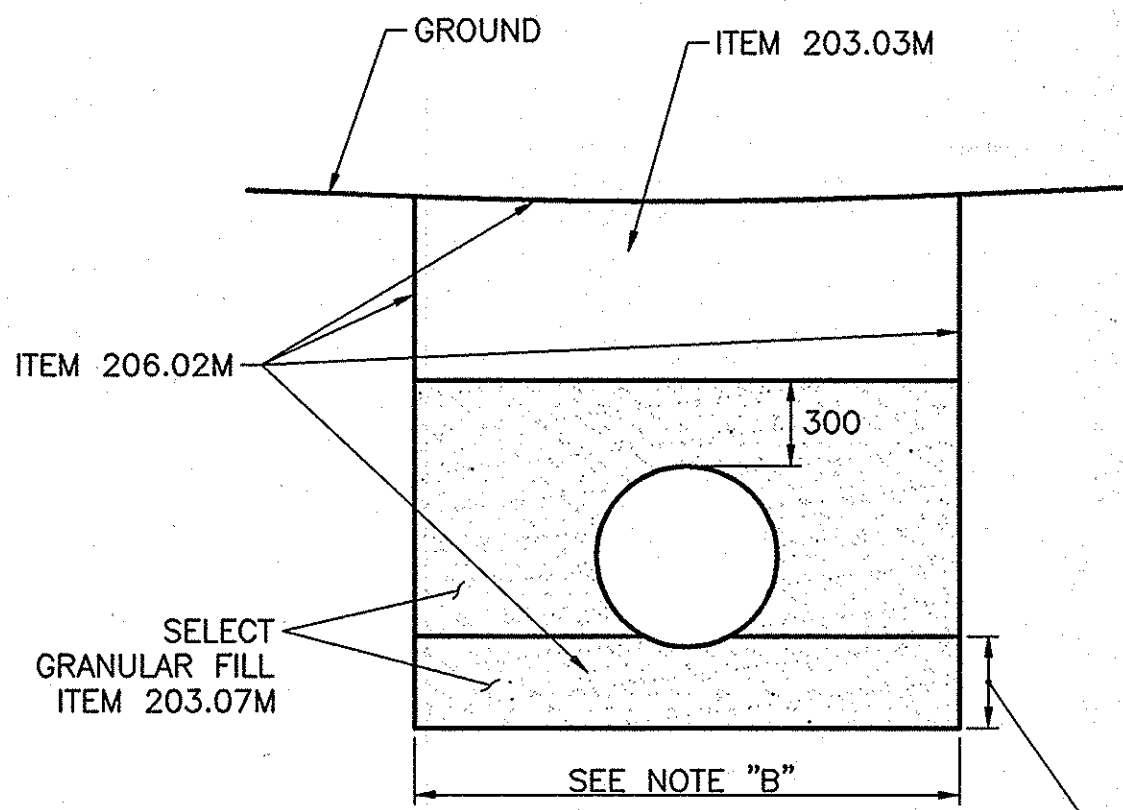
SCALE: N.T.S.

GENERAL NOTES:

1. WHEN REMOVING HEADWALL AND FIRST SECTION OF PIPE, IF ADDITIONAL SECTIONS OF PIPE ARE SEPARATED, THEY SHALL BE REMOVED A.O.B.E. EXCAVATION AND REMOVAL SHALL BE PAID FOR UNDER ITEM 206.02M. CONNECT NEW PIPE TO EXISTING WITH CONCRETE COLLAR, ITEM 25603.9825M
2. IF EXISTING CULVERT PIPE BEING EXTENDED DOES NOT HAVE AN EXISTING HEADWALL, EXCAVATION AND REMOVAL OF ANY SECTION OF PIPE SHALL BE PAID FOR UNDER ITEM 206.02M.
3. DRILLING, GROUTING, AND INSTALLATION OF STEEL DOWELS FOR CONCRETE COLLARS SHALL BE PAID FOR UNDER ITEM 25603.9825M
4. SLOPE FLATTENING - SEE DRAWINGS SD-1 THROUGH SD-14.

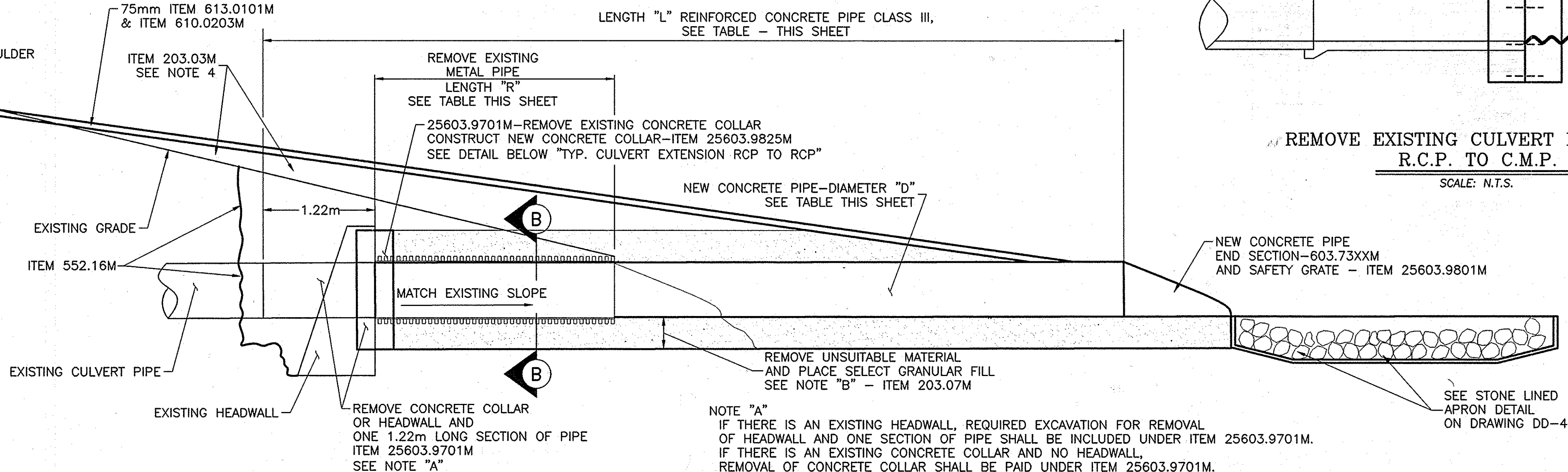
NOTE "B"

SEE NYS STANDARD SHEET M203-4R1
FOR PIPE INSTALLATION DETAILS



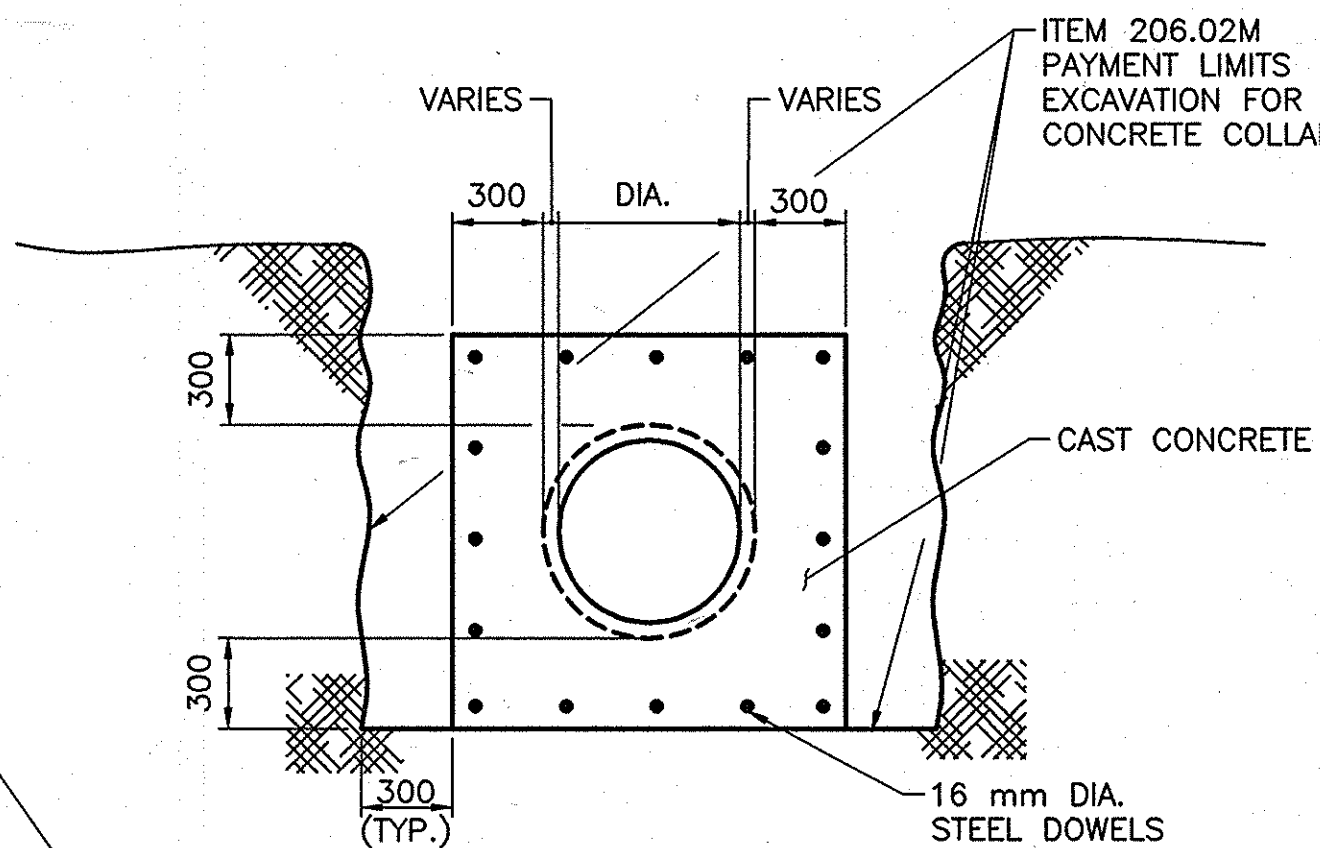
SECTION B-B
SCALE: N.T.S.

REMOVE UNSUITABLE MATERIAL
PLACE SELECT GRANULAR FILL
SEE NOTE "B" - ITEM 203.07M



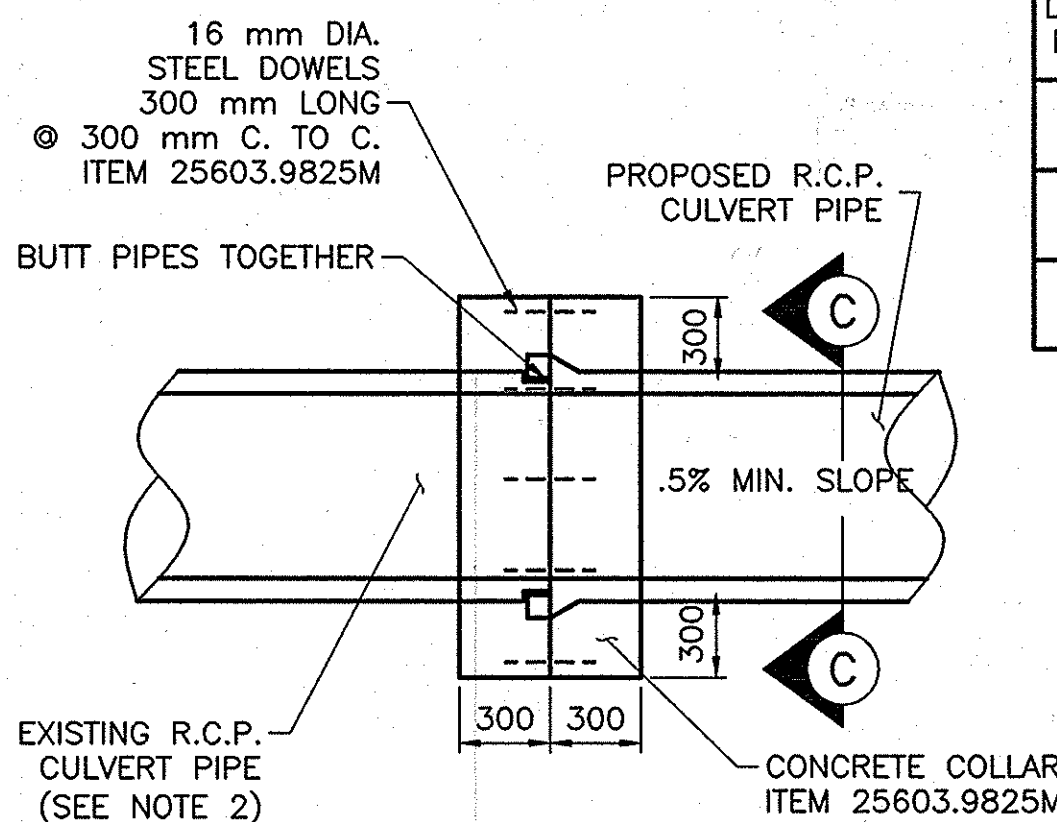
SECTION A-A

SCALE: N.T.S.



SECTION C-C

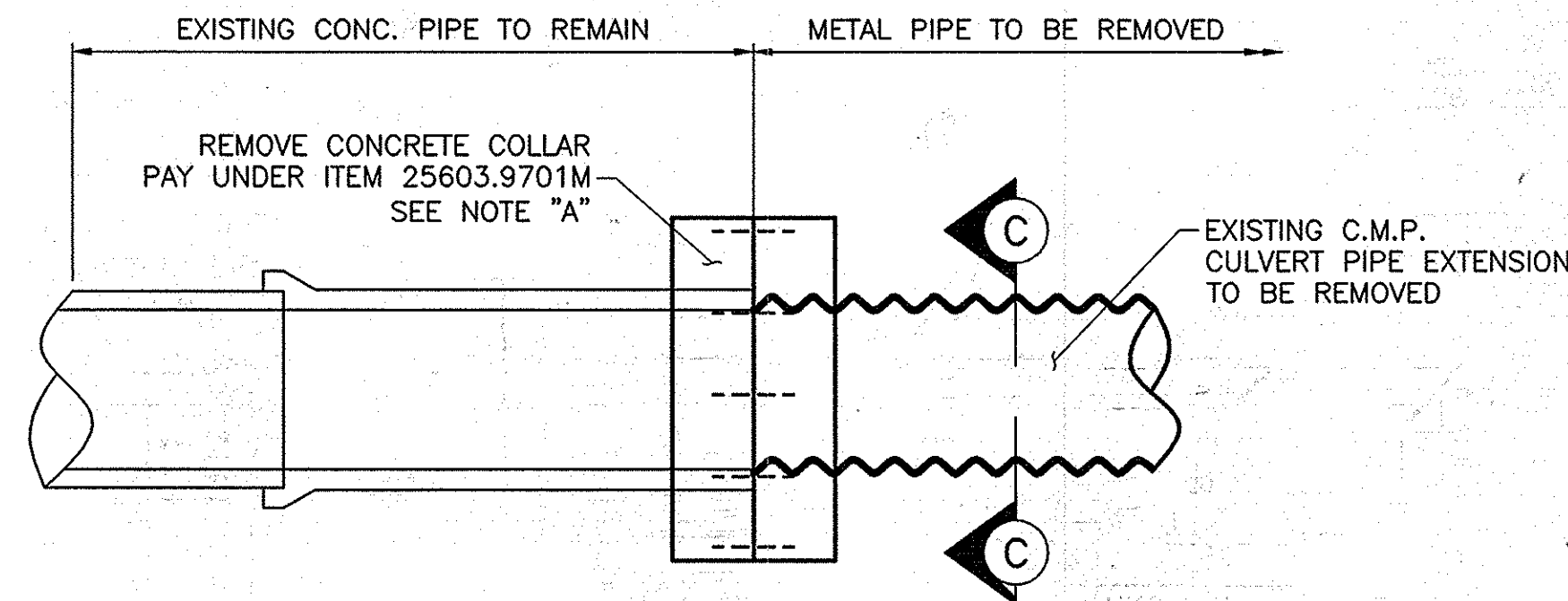
SCALE: N.T.S.



TYPICAL CULVERT EXTENSION
R.C.P. TO R.C.P.

SCALE: N.T.S.

ITEM	DESCRIPTION
203.03M	EMBANKMENT IN PLACE
203.07M	SELECT GRANULAR FILL
206.02M	TRENCH & CULVERT EXCAVATION
552.16M	EXCAVATION PROTECTION SYSTEM
603.6005M	REINFORCED CONCRETE PIPE, CLASS III, 600mm DIA
603.6007M	REINFORCED CONCRETE PIPE, CLASS III, 750mm DIA
603.7305M	REINFORCED CONCRETE PIPE END SECTION, 600mm DIA
603.7307M	REINFORCED CONCRETE PIPE END SECTION, 750mm DIA
25603.9701M	REMOVAL OF EXISTING DRAINAGE STRUCTURE
25603.9801M	CULVERT END SAFETY GRATE
25603.9825M	EXTENSION CONNECTION TO EXISTING DRAINAGE STRUCTURE
610.0203M	ESTABLISHING TURF
613.0101M	TOPSOIL



REMOVE EXISTING CULVERT EXTENSION
R.C.P. TO C.M.P.

SCALE: N.T.S.

CULVERT EXTENSION LOCATIONS							
WORK LOCATION NUMBER	APPROX. MILEPOST	PLAN SHEET NUMBER	SECTION DESIGNATION & STATION	LENGTH "R"	LENGTH "L"	DIAMETER "D"	CONCRETE PIPE ITEM NUMBER
①	240.43 E.B. RT.	PL-3	C 01+060.50	3.05m	6.10m	750mm	603.6007M
①	240.12 E.B. RT.	PL-4	T2 01+564.70	2.35m	7.32m	750mm	603.6007M
②	236.79 E.B. RT.	PL-19	02+000.00	0m	7.32m	610mm	603.6005M

CONC. COLLAR, ITEM 25603.9825, 1.0EA AT ABOVE LOCATIONS

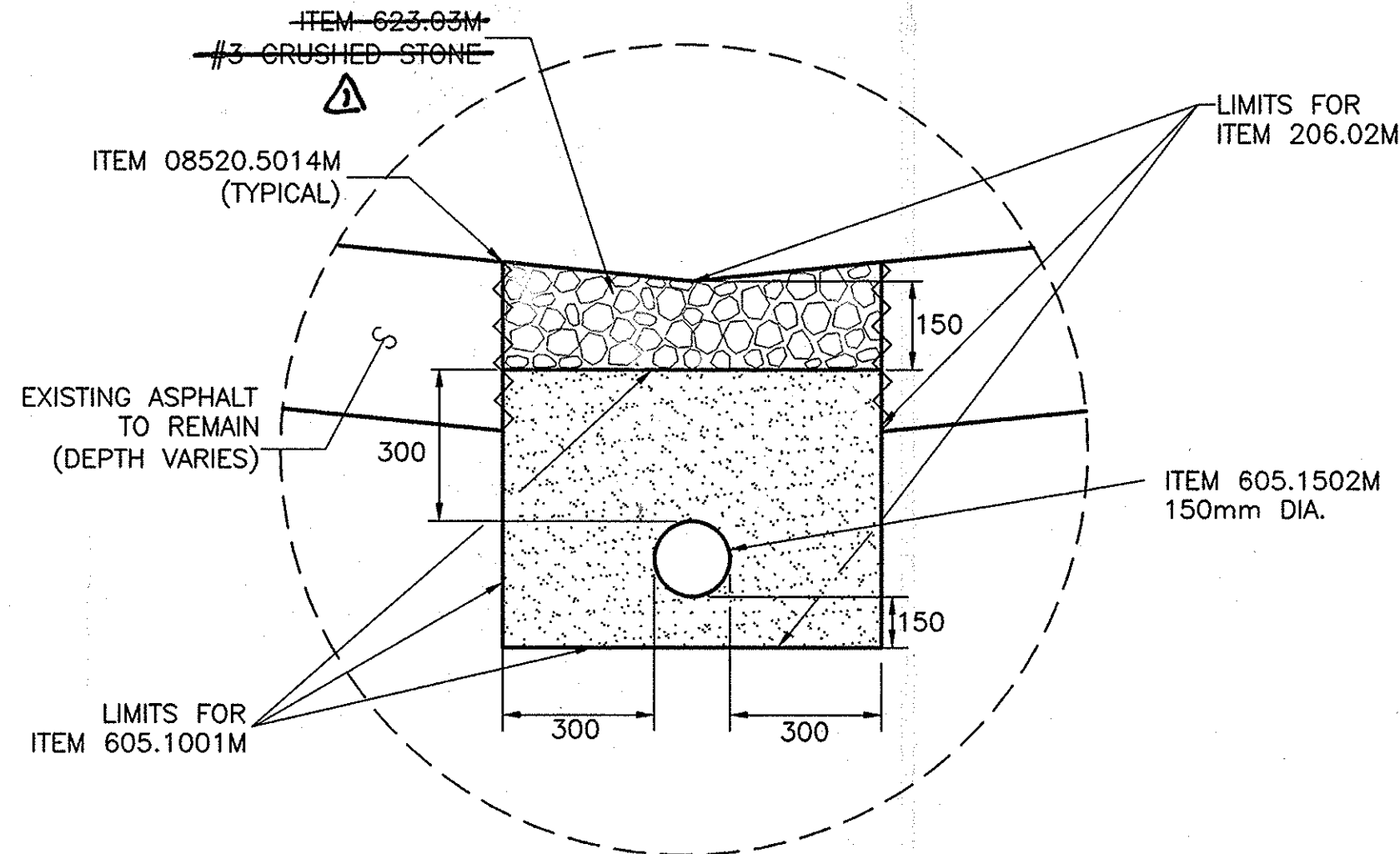


NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 10-29	ADDED NEW ITEM	Sanchidani	Δ
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO 240.9			
TITLE OF DRAWING DRAINAGE DETAILS			
CONTRACT NUMBER: TAS 06-38		DATE: 8/25/06	
DRAWING NUMBER: DD-1			

FL 2005 0505 22-DD-2.dwg
CHECKED BY: A. MASTROIANI
DESIGNED BY: B. KOSLOSKE
IN CHARGE OF: A. MASTROIANI
DRAFTED BY: B. KOSLOSKE

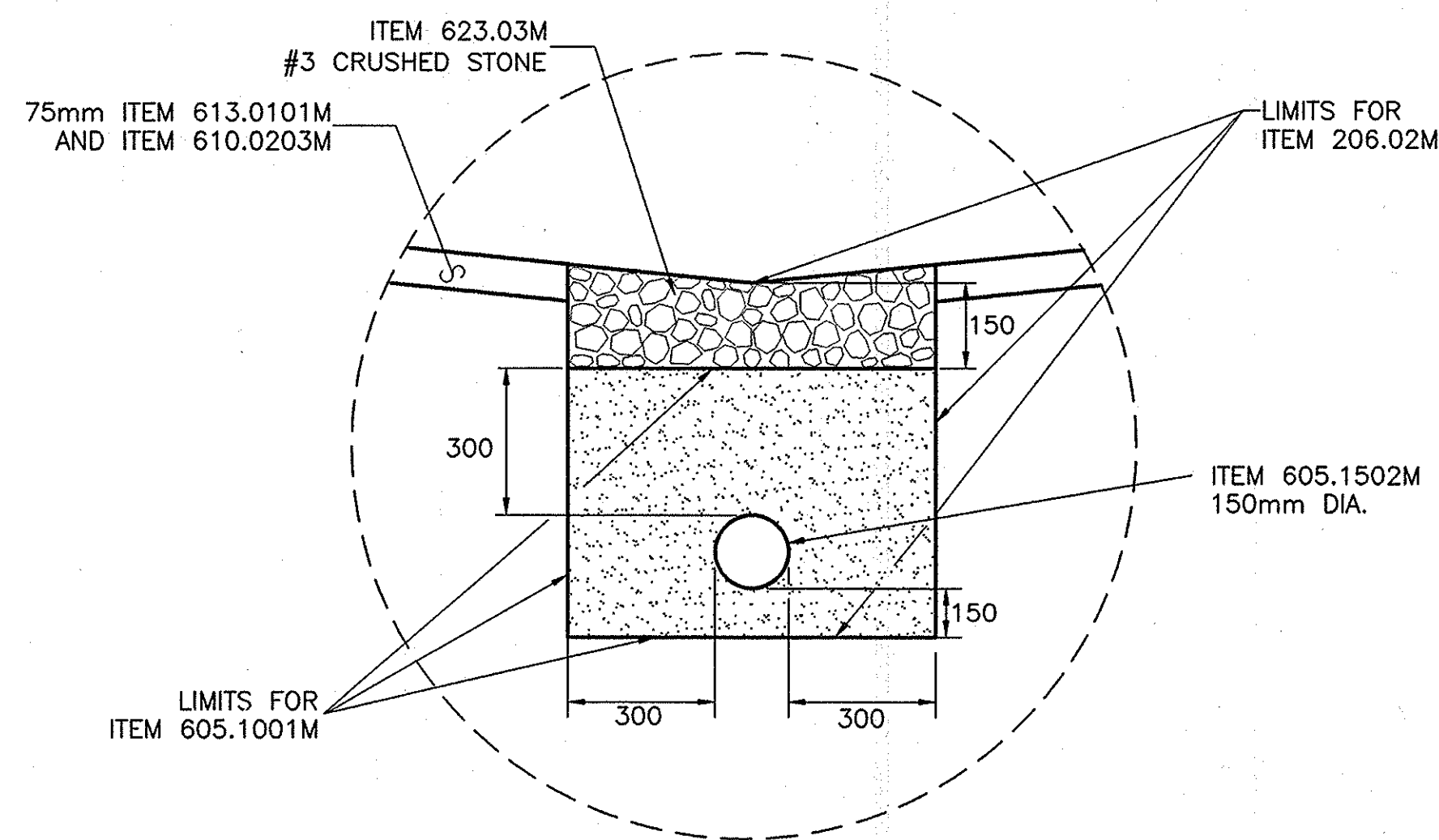
150 BASE 402.378901
100 BINDER 402.258901



SECTION C-C

SCALE: N.T.S.

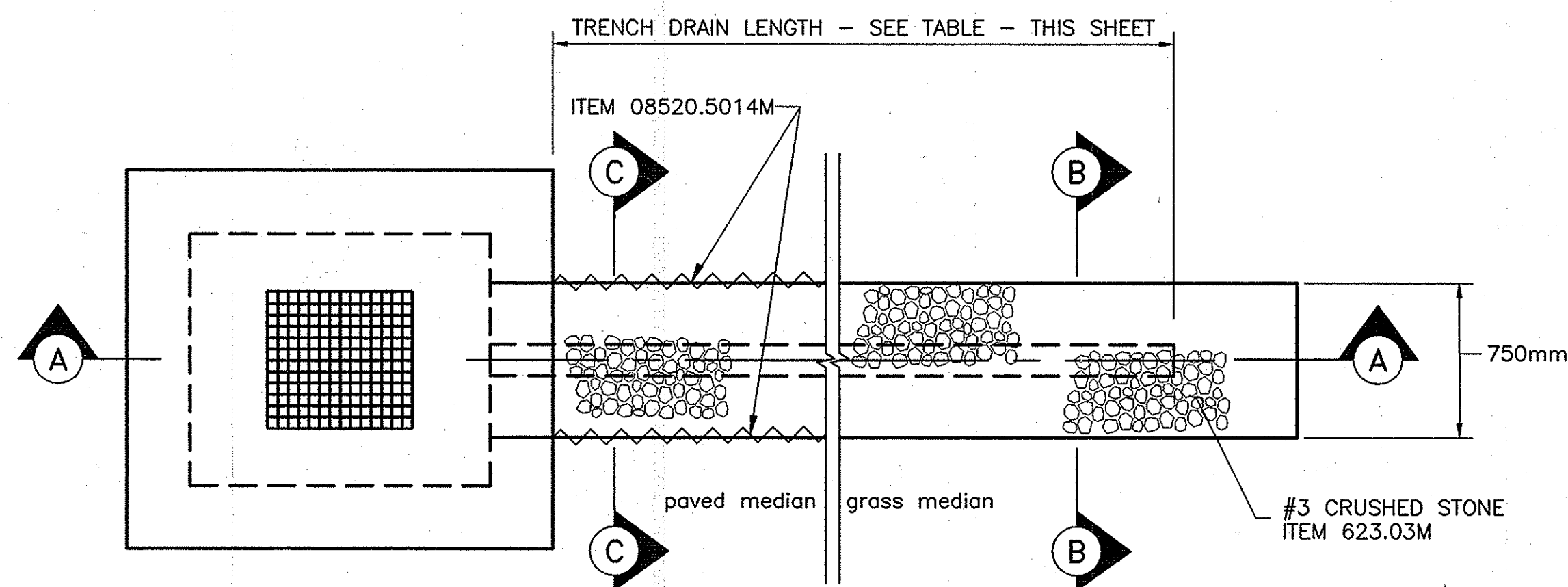
NOTE:
NYS STANDARD SHEET M203-4 "PIPE UNDERDRAIN
BEDDING AND BACKFILL DETAILS FOR TRENCH
INSTALLATION" SHALL APPLY.



SECTION B-B

SCALE: N.T.S.

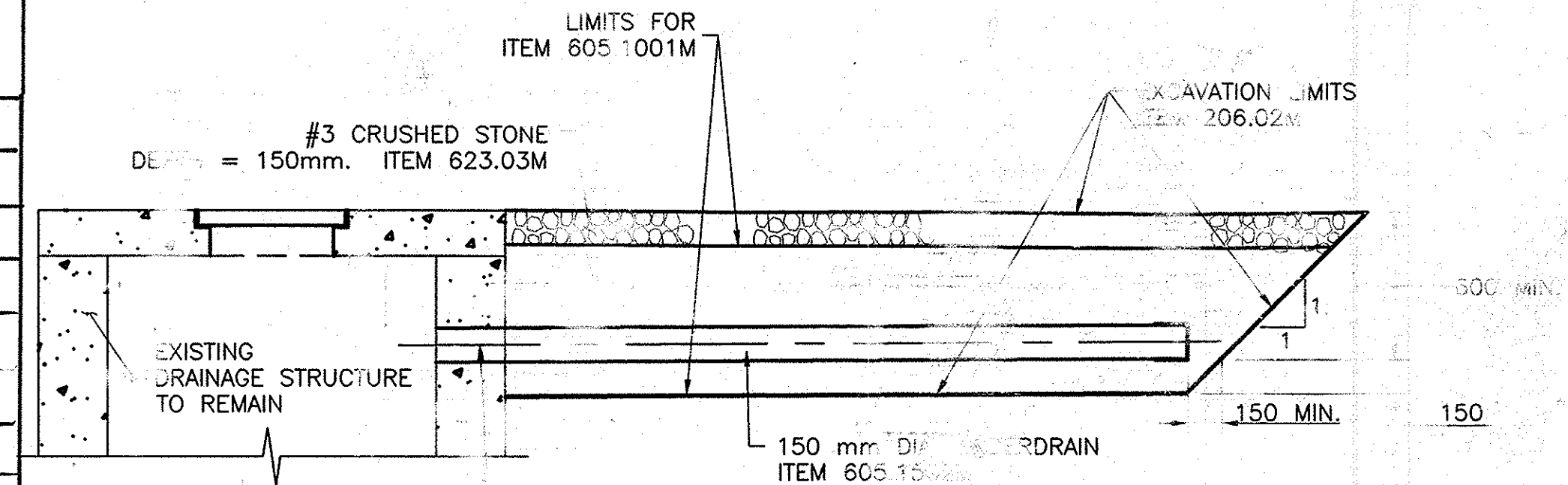
NOTE:
NYS STANDARD SHEET M203-4 "PIPE UNDERDRAIN
BEDDING AND BACKFILL DETAILS FOR TRENCH
INSTALLATION" SHALL APPLY.



TRENCH DRAIN AT
DRAINAGE STRUCTURE
LOCATION 6

SCALE: N.T.S.

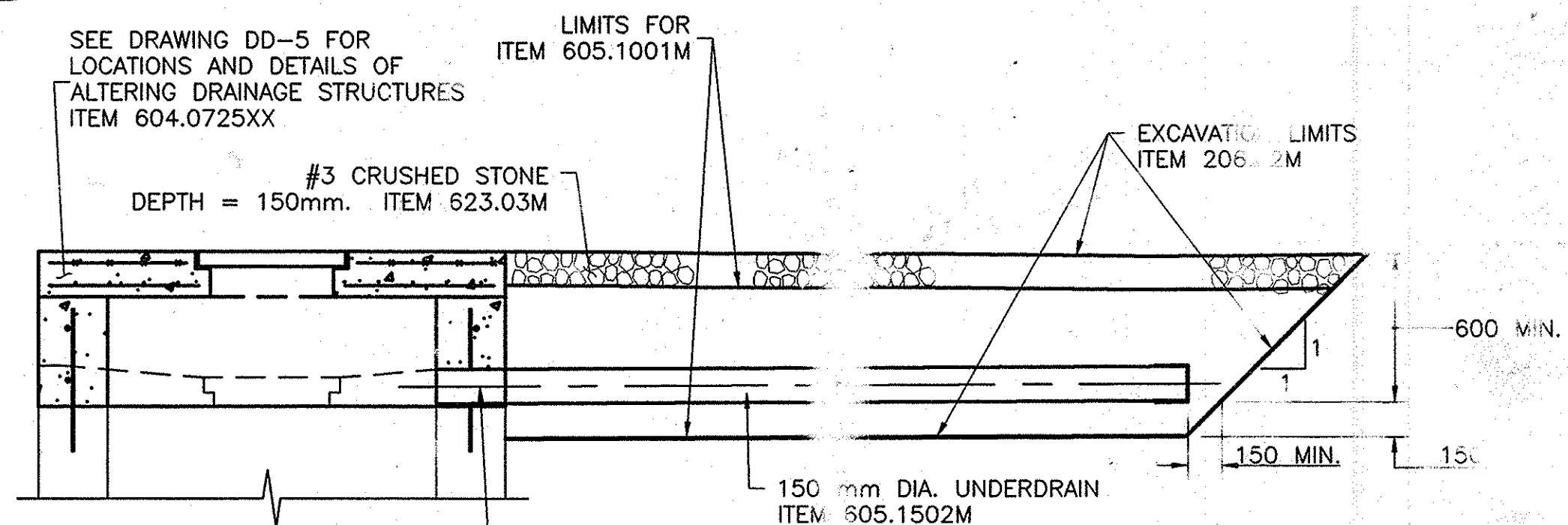
TRENCH DRAIN WITH CONNECTION TO D.I.				
DRAINAGE MODIFICATION NUMBER	DRAWING NUMBER	APPROX. MILEPOST	LENGTH OF TRENCH DRAIN	ITEM
6	PL-2	MP 240.68 MEDIAN	118.8 METERS	1.00 EA.
7	PL-4	MP 240.3 MEDIAN	219.5 METERS	1.00 EA.
8	PL-5	MP 240.1 MEDIAN	129.5 METERS	1.00 EA.
9	PL-5	MP 239.95 MEDIAN	162.0 METERS	1.00 EA.
10	PL-6	MP 239.81 MEDIAN	189.0 METERS	1.00 EA.
11	PL-6	MP 239.68 MEDIAN	189.0 METERS	1.00 EA.
12	PL-7	MP 239.55 MEDIAN	117.3 METERS	1.00 EA.
13	PL-8	MP 239.29 MEDIAN	68.6 METERS	1.00 EA.
14	PL-9	MP 239.03 MEDIAN	189.0 METERS	1.00 EA.
15	PL-10	MP 238.95 MEDIAN	108.0 METERS	1.00 EA.
16	PL-23 & 24	MP 235.7 MEDIAN	132.4 METERS	1.00 EA.
17	PL-24	MP 235.6 MEDIAN	161.0 METERS	1.00 EA.



SECTION A-A

EXISTING DROP INLET TO REMAIN
SCALE: N.T.S.

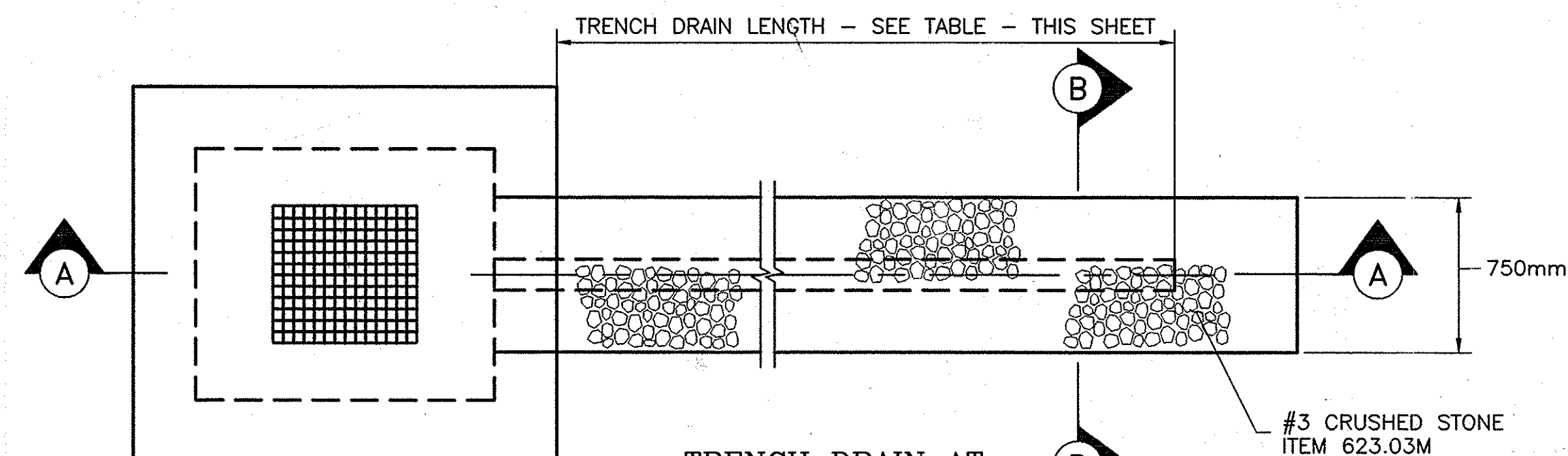
UNDERDRAIN CONNECTION TO
DRAINAGE STRUCTURE TO BE
PAID UNDER ITEM 25604.0625M



SECTION A-A

(TOP OF FRAME TO BE RAISED)
SCALE: N.T.S.

UNDERDRAIN CONNECTION TO
DRAINAGE STRUCTURE TO BE
PAID UNDER ITEM 25604.0625M



TRENCH DRAIN AT
DRAINAGE STRUCTURE
(SEE TABLE FOR LOCATIONS)

SCALE: N.T.S.

ITEM	DESCRIPTION
206.02M	TRENCH & CULVERT EXCAVATION
08520.5014M	SAW CUTTING ASPHALT PAVEMENT, CONC. PAVT. OR ASPHALT OVERLAY ON CONC. PAVT.
25604.0625M	CONNECTION TO EXISTING DRAINAGE SYSTEM
604.072501M	ALTERING DRAINAGE STRUCTURE (TYPE 1)
605.1001M	UNDERDRAIN FILTER MATERIAL, TYPE II
605.1502M	PERF. CORRUGATED POLY. UNDERDRAIN TUBING, 152mm DIA.
623.03M	CRUSHED STONE (BY WEIGHT)

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

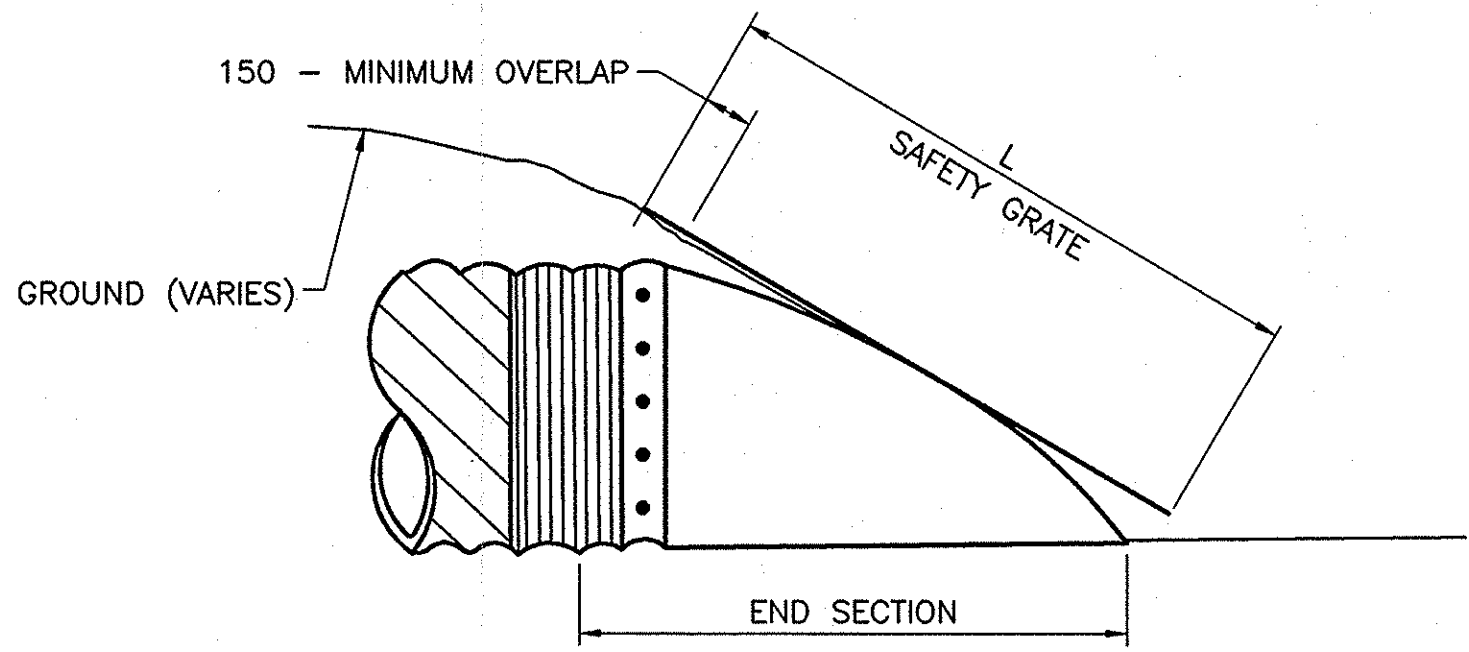
2007 10-29	DELETED EXISTING ITEM	Sandra Lewis	1
2007 10-29	ADDED NEW ITEMS	Sandra Lewis	2
DATE	DESCRIPTION	BY	SYM.

REVISIONS	
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209	
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK	
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO MP 240.9	
TITLE OF DRAWING DRAINAGE DETAILS TRENCH DRAIN	
CONTRACT NUMBER: TAS 06-38	DATE: 7/1/06
DRAWING NUMBER: DD-2	

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CHECKED BY: A. MASTROIANNI
DESIGNED BY: B. KOSLOSKE
IN CHARGE OF: A. MASTROIANNI

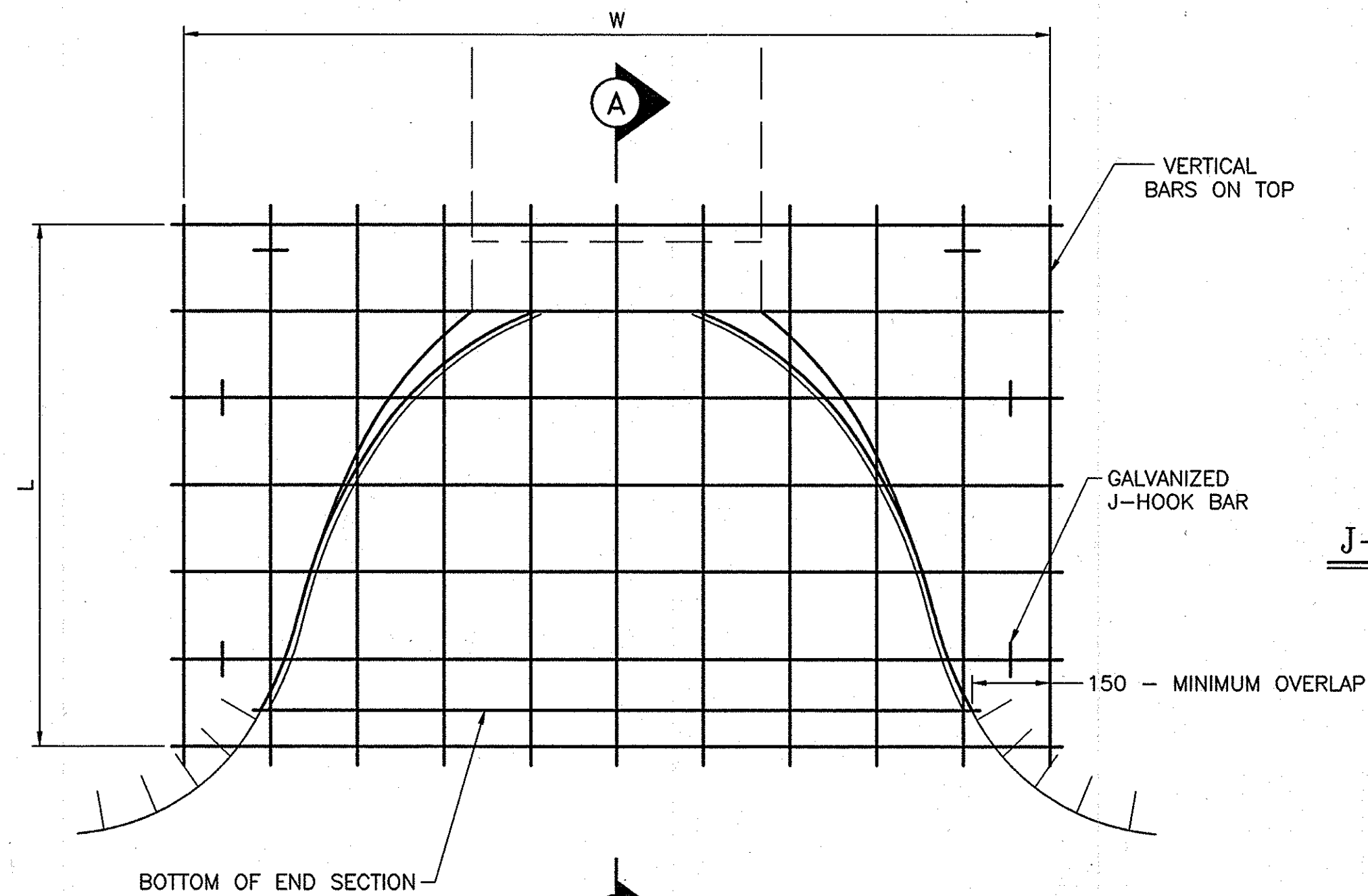
CULVERT END SAFETY GRATE SIZES		
CULVERT DIAMETER (mm)	APPROXIMATE GRATE DIMENSIONS (m) L x W	PAY QUANTITY PER GRATE (m ²)
450	0.900 x 1.800	1.6
600	1.200 x 2.100	2.5
750	1.500 x 2.700	4.1
900	1.800 x 3.000	5.4
1050	2.100 x 3.300	6.9
1200	2.400 x 3.600	8.6
1350	2.400 x 3.900	9.4
1500	2.700 x 4.200	11.3
1800	2.700 x 4.500	12.2

- NOTES:
- #25 REBARS, 300mm C/C, GALVANIZED AS PER SECTION 719-01 OF THE STANDARD SPECIFICATIONS.
 - ALL JOINTS SPOT WELDED
 - #16 J-HOOK BARS, 600mm MINIMUM EMBEDMENT, HOOK DEPTH 100mm
 - ADAPTATIONS MAY BE NECESSARY IN THE FIELD TO MEET EXISTING CONDITION.

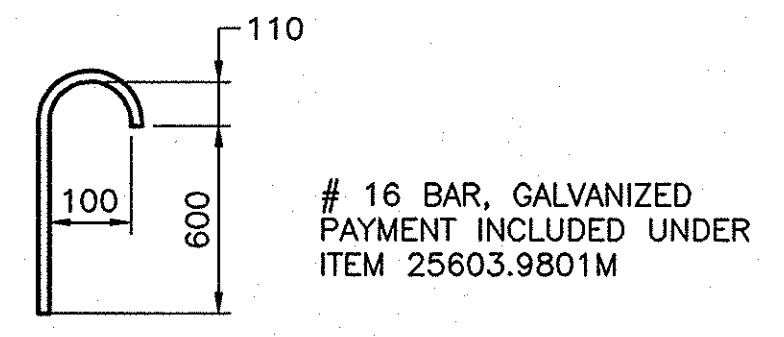


SECTION A-A
NOT TO SCALE

CULVERT END SAFETY GRATE DETAILS - ITEM 25603.9801M

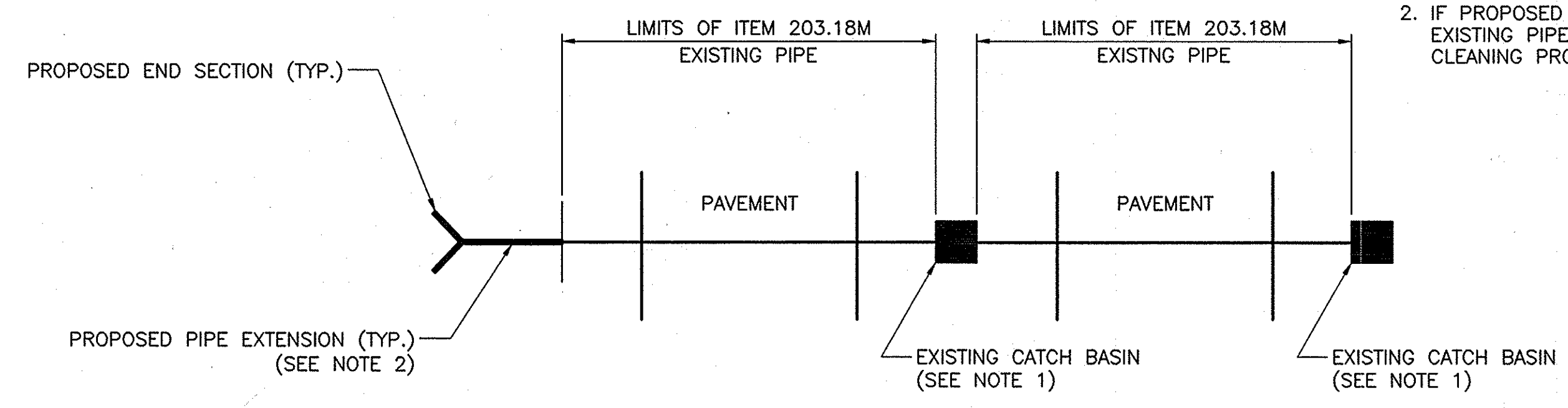


PLAN
NOT TO SCALE



J-HOOK BAR DETAIL
NOT TO SCALE

ITEM 203.18M - CLEANING CLOSED DRAINAGE SYSTEMS
ITEM 203.19M - CLEANING DRAINAGE STRUCTURES AND MANHOLES
ITEM 25603.9801M - CULVERT END SAFETY GRATE



LIMITS OF CLEANING CLOSED DRAINAGE SYSTEM

CLEANING CLOSED DRAINAGE SYSTEMS ITEM 203.18M			
APPROXIMATE MILEPOST	WORK LOCATION NUMBER	PLAN DRAWING NUMBER	PIPE LENGTH (METERS)
236.79	2	PL-19	20.7
240.69	6	PL-2	21.0 10.0
240.3	7	PL-4	19.0
239.55	12	PL-7	24.0

CLEANING DRAINAGE STRUCTURES AND MANHOLES-ITEM 203.19M		
MILEPOST	WORK LOCATION NUMBER	PLAN DRAWING NUMBER
236.79 MEDIAN	2	PL-19
240.69 MEDIAN	6	PL-2 NOT DONE
240.3 MEDIAN	7	PL-4
239.55 MEDIAN	12	PL-7

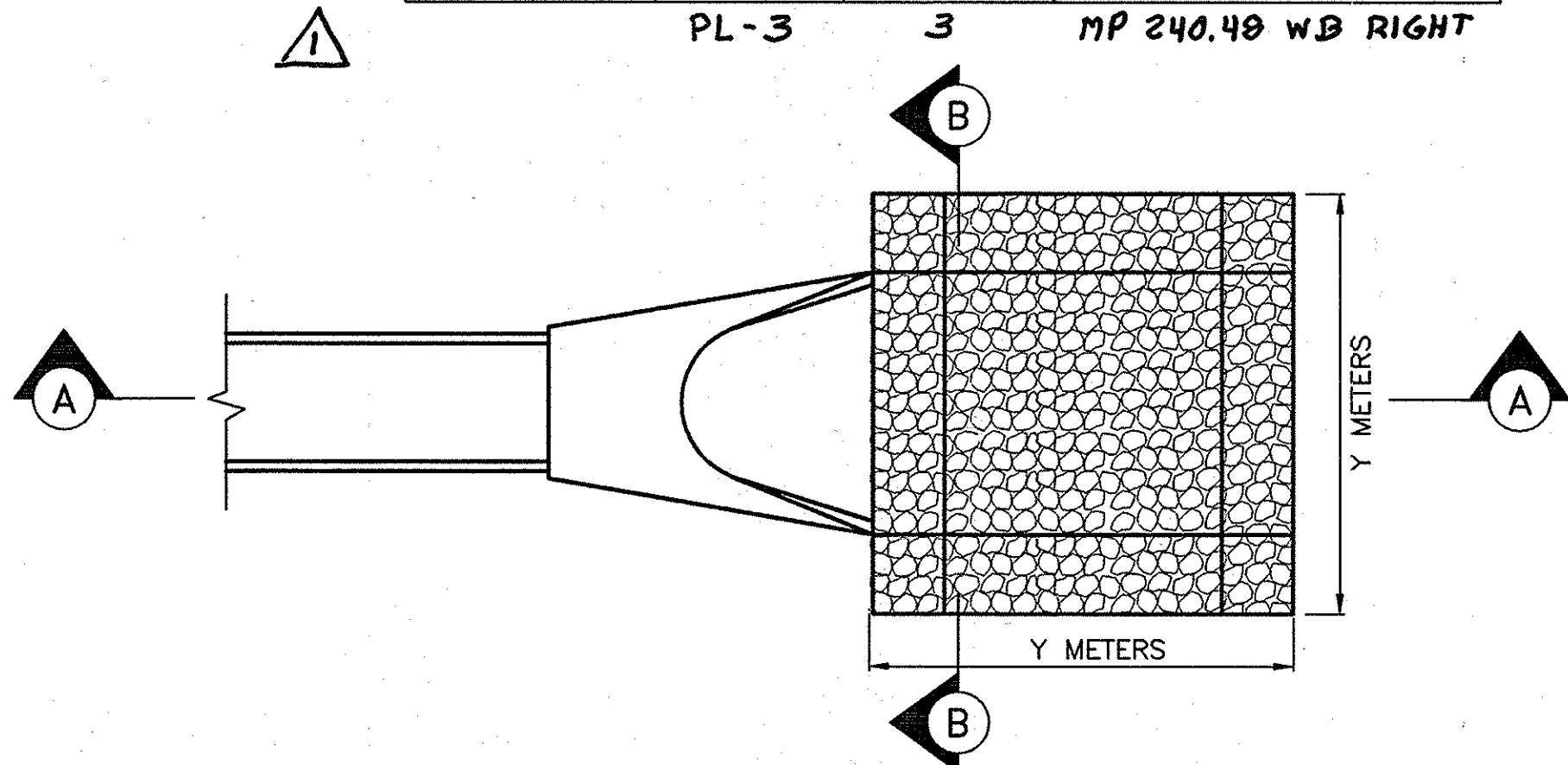
- NOTE:
- EXISTING STRUCTURE TO BE CLEANED UNDER ITEM 203.19M (TYP.)
 - IF PROPOSED PIPE IS PLACED PRIOR TO CLEANING EXISTING PIPE, NO PAYMENT SHALL BE MADE FOR CLEANING PROPOSED PIPE EXTENSION.

2007 10-29	REVISED QUANTITIES	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISC. WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO MP 240.9			
TITLE OF DRAWING DRAINAGE DETAILS CLEANING CULVERTS & SAFETY GRATE INSTALLATION			
CONTRACT NUMBER: TAS 06-38		DATE: 7/1/06	
DRAWING NUMBER: DD-3			

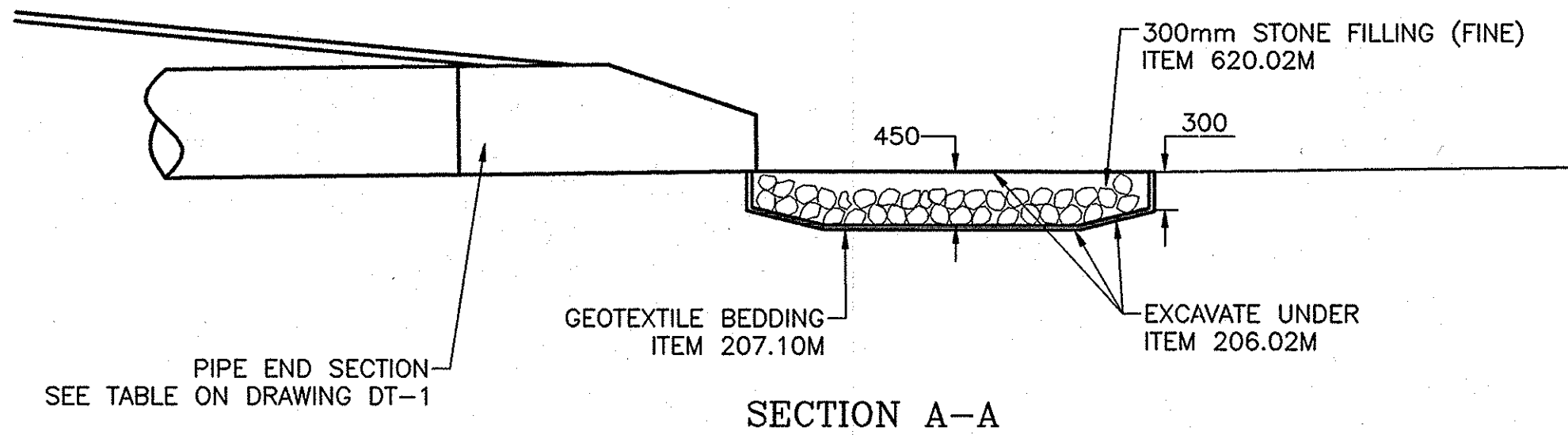
F:\2006\023-DD-4.dwg
CHECKED BY: A. MASTROIANNI
DRAFTED BY: B. KOSLOSKE
DESIGNED BY: B. KOSLOSKE
IN CHARGE OF: A. MASTROIANNI

STONE LINED APRON DETAIL			
DRAINAGE MODIFICATION NUMBER	DRAWING NUMBER	SIZE "Y" (METERS)	APPROX. MILEPOST
①	PL-3	3	MP 240.43 E.B. RIGHT
①	PL-4	3	MP 240.12 E.B. RIGHT
②	PL-19	3	MP 236.79 E.B. RIGHT
④	SD-15	4	MP 240.31 W.B. RIGHT

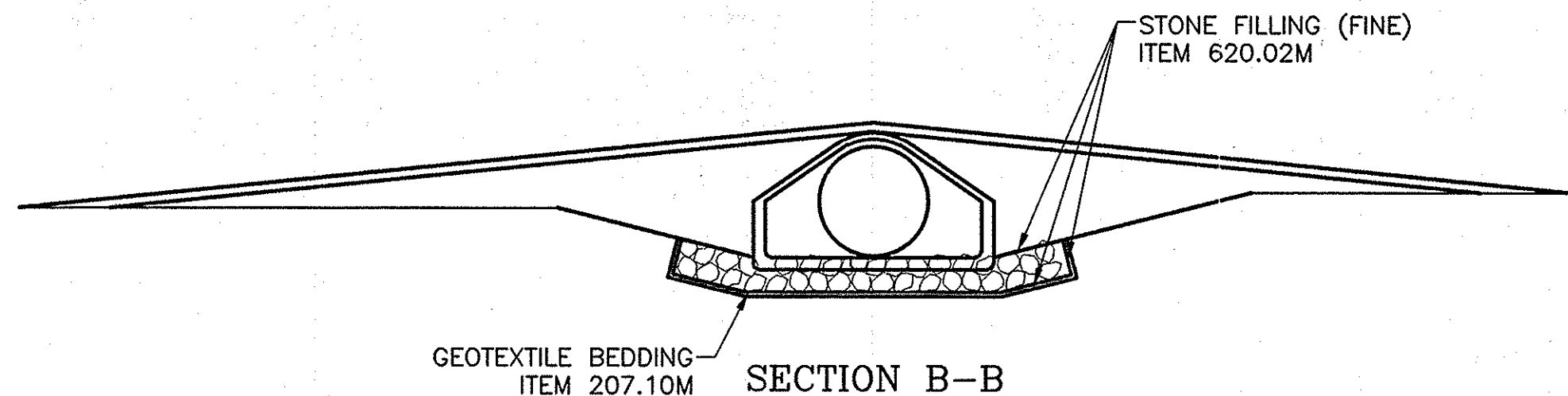
PL-3 3 MP 240.43 W.B. RIGHT



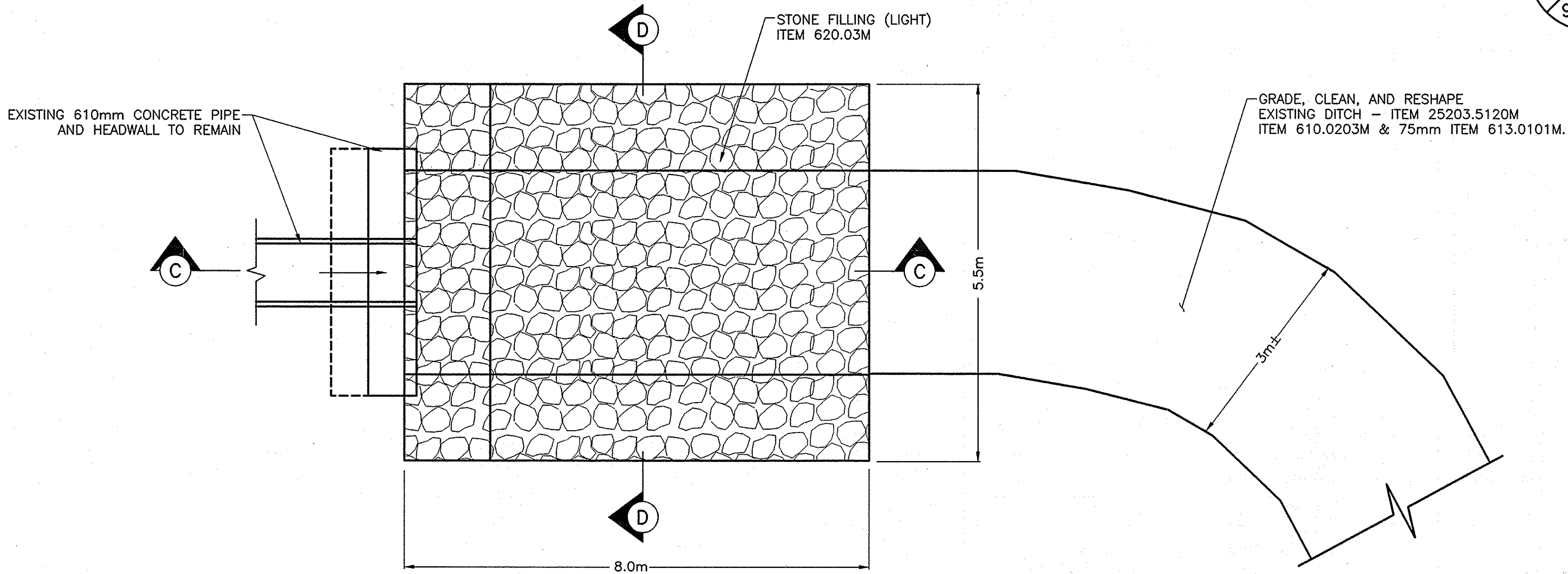
TYPICAL APRON DETAIL
CONCRETE END SECTION
SCALE: N.T.S.



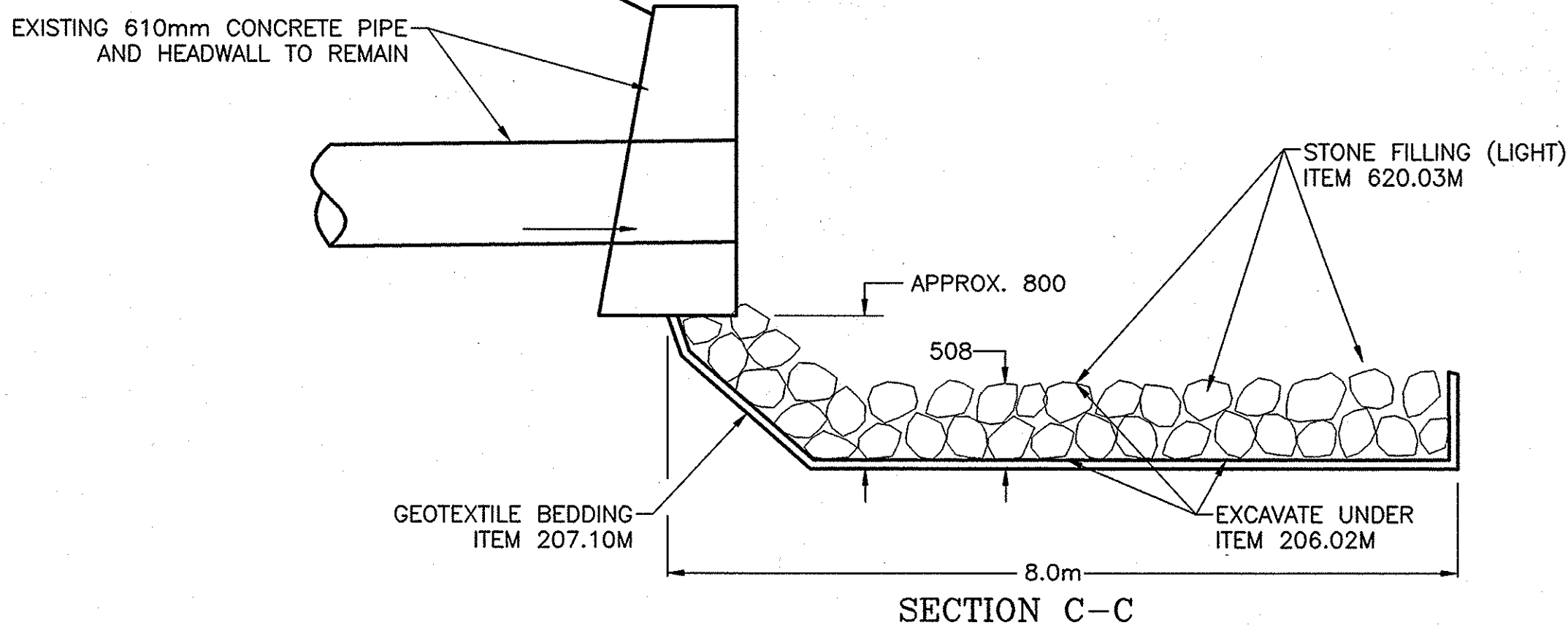
SECTION A-A



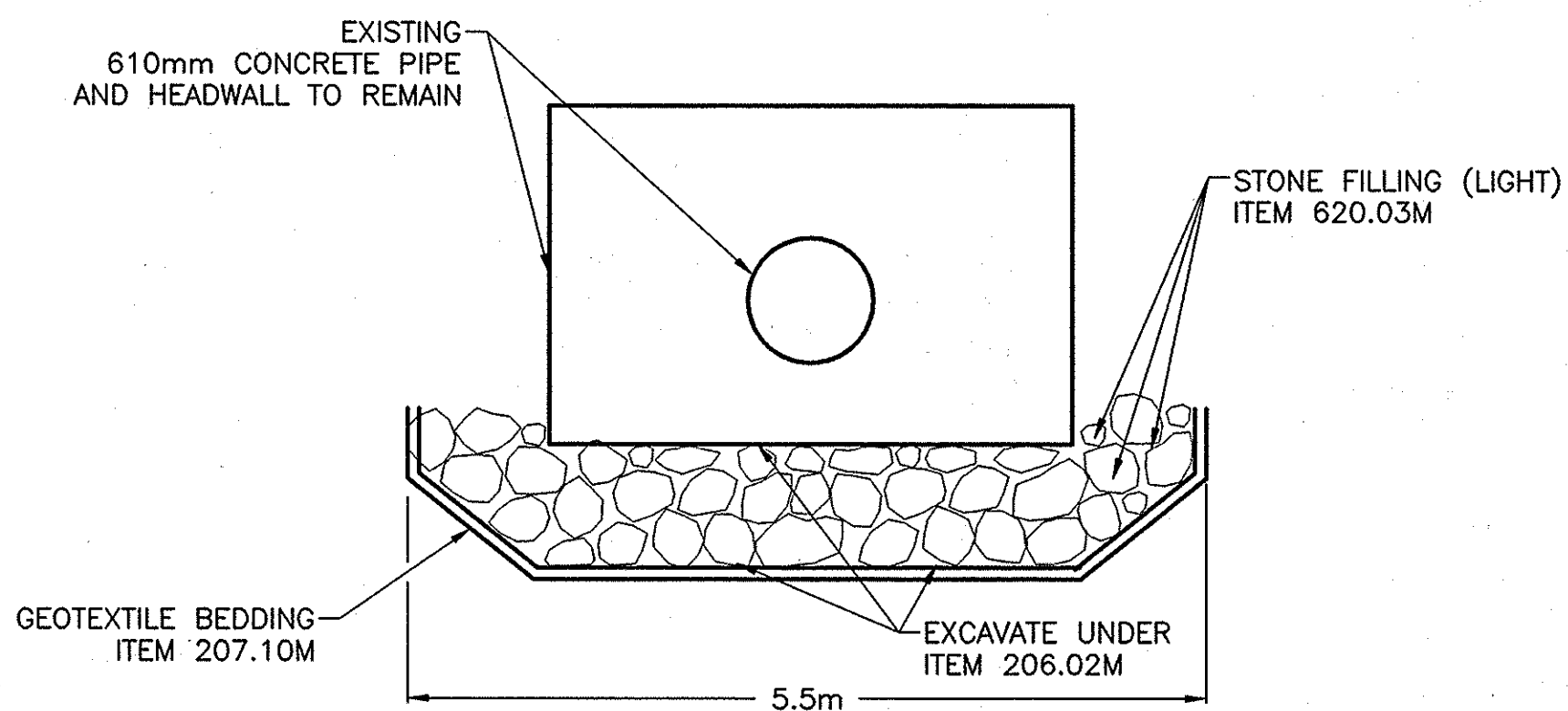
SECTION B-B



LIGHT STONE FILL APRON DETAIL
LOCATION ② - M.P. 239.53 W.B. RT.
SCALE: N.T.S.



SECTION C-C



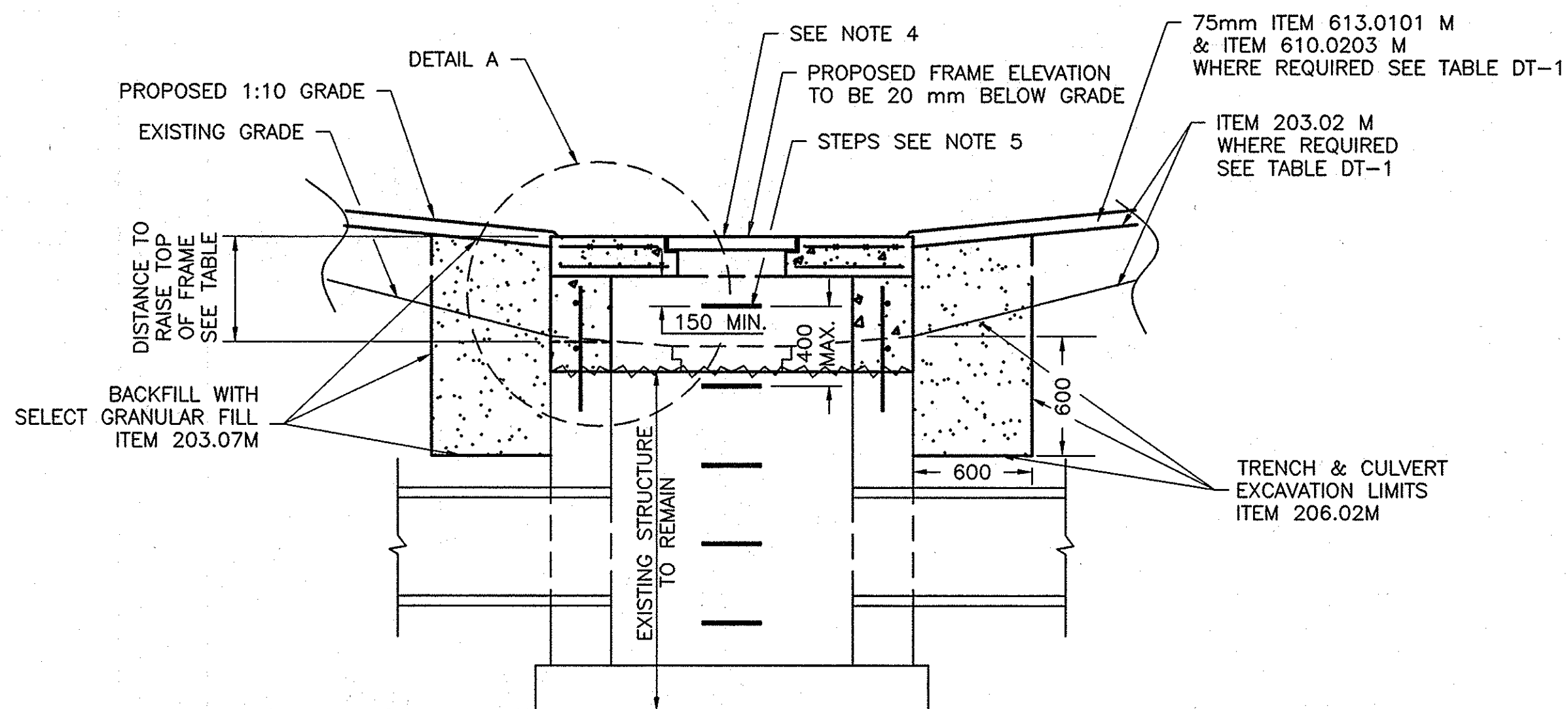
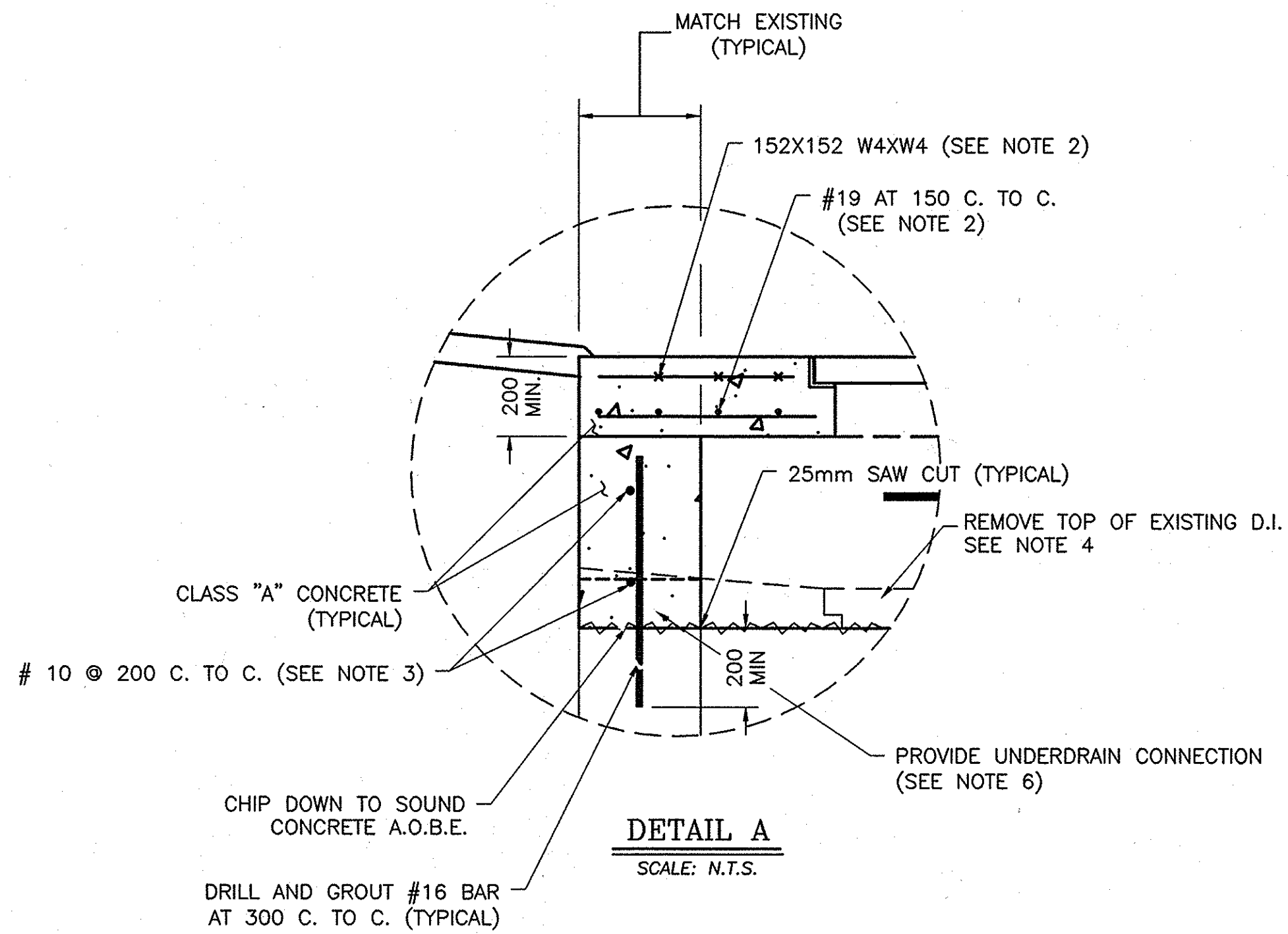
SECTION D-D

LIGHT STONE FILL APRON DETAIL		
DRAINAGE MODIFICATION NUMBER	DRAWING NUMBER	APPROX. MILEPOST
②	PL-7	MP 239.53 W.B. RIGHT

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

ITEM	DESCRIPTION
25203.5120M	GRADE, CLEAN, AND RESHAPE DITCHES
206.02M	TRENCH & CULVERT EXCAVATION
207.10M	GEOTEXTILE BEDDING
610.0203M	ESTABLISHING TURF
613.0101M	TOPSOIL
620.02M	STONE FILLING (FINE)
620.03M	STONE FILLING (LIGHT)

2007 10-29	ADDED NEW LOCATION	Sandra S. S.	①
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, IR SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO MP 240.9			
TITLE OF DRAWING DRAINAGE DETAILS			
CONTRACT NUMBER: TAS 06-38		DATE: 8/23/06	
DRAWING NUMBER: DD-4			



ITEM 604.072501M
ALTERING DRAINAGE STRUCTURES
TYPE 1 ALTERATION-RAISE TOP

SCALE: N.T.S.

ITEM 604.072501M - NOTES

- ALL WORK IS TO BE PAID FOR UNDER ITEM 604.072501M UNLESS OTHERWISE NOTED.
- TOP SLAB DETAILS AND REINFORCEMENT SHALL MEET REQUIREMENTS OF NYS STANDARD SHEETS M604-6R1 AND M604-7.
- WALL DETAILS AND REINFORCEMENT SHALL MEET THE REQUIREMENTS OF NYS STANDARD SHEET M604-5.
- REMOVE THE TOP SLAB OF THE EXISTING DRAINAGE STRUCTURE AND CHIP DOWN TO SOUND CONCRETE UNDER ITEM 604.072501M. RAISE DI TO HEIGHT SHOWN ON TABLE (THIS SHEET). REPLACE THE EXISTING FRAME AND GRATE WITH A #6PCB PARALLEL BAR TYPE GRATE UNDER ITEM 655.0301M. PROTECT EACH ALTERED DROP INLET FROM SEDIMENTATION USING ITEM 209.1701M.
- STEPS WILL BE REQUIRED ON ALTERED DRAINAGE STRUCTURES DEEPER THAN 1.2m.
- TRENCH DRAIN OR UNDERDRAIN CONNECTION SHALL BE INCLUDED AND PAID FOR UNDER THIS ITEM WHEN REQUIRED.

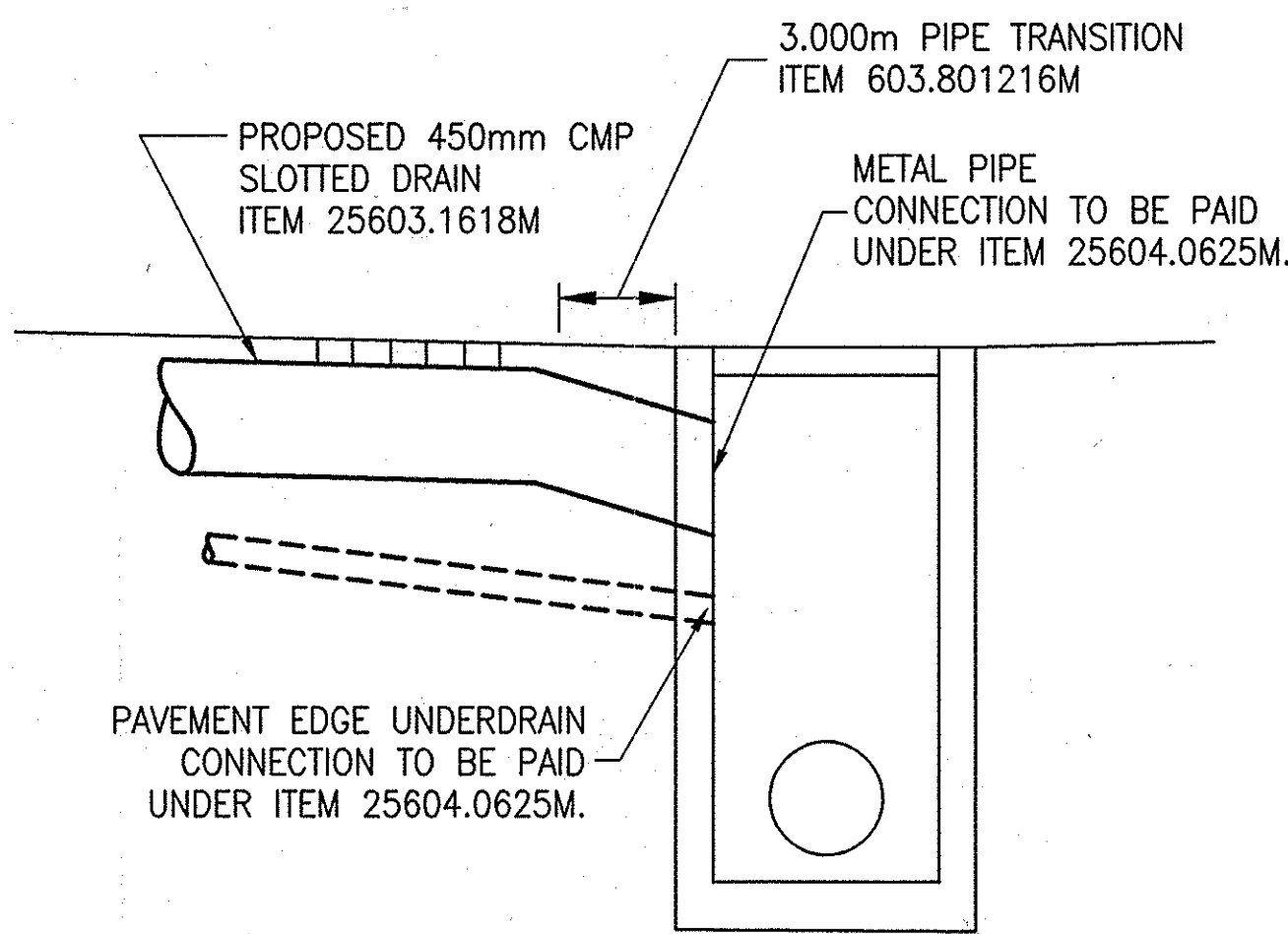
TYPE 1 DRAINAGE STRUCTURE ALTERATION-RAISE TOP				
DRAINAGE WORK LOCATION NUMBER	DRAWING NUMBER	APPROX. MILEPOST	DISTANCE TO RAISE TOP OF FRAME	COMMENT
7	PL-4	MP 240.30 MEDIAN	165mm	INSTALL #6PCB PARALLEL BAR TYPE GRATE AND FRAME.
8	PL-5	MP 240.11 MEDIAN	429mm	INSTALL #6PCB PARALLEL BAR TYPE GRATE AND FRAME
9	PL-5	MP 239.95 MEDIAN	640mm	INSTALL #6PCB PARALLEL BAR TYPE GRATE AND FRAME
10	PL-6	MP 239.81 MEDIAN	320mm	INSTALL #6PCB PARALLEL BAR TYPE GRATE AND FRAME
11	PL-6	MP 239.68 MEDIAN	380mm	INSTALL #6PCB PARALLEL BAR TYPE GRATE AND FRAME
12	PL-7	MP 239.55 MEDIAN	330mm	INSTALL #6PCB PARALLEL BAR TYPE GRATE AND FRAME
13	PL-8	MP 239.29 MEDIAN	280mm	INSTALL #6PCB PARALLEL BAR TYPE GRATE AND FRAME
14	PL-9	MP 239.03 MEDIAN	215mm	INSTALL #6PCB PARALLEL BAR TYPE GRATE AND FRAME
15	PL-10	MP 238.95 MEDIAN	325mm	INSTALL #6PCB PARALLEL BAR TYPE GRATE AND FRAME

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE SHOWN IN METERS.

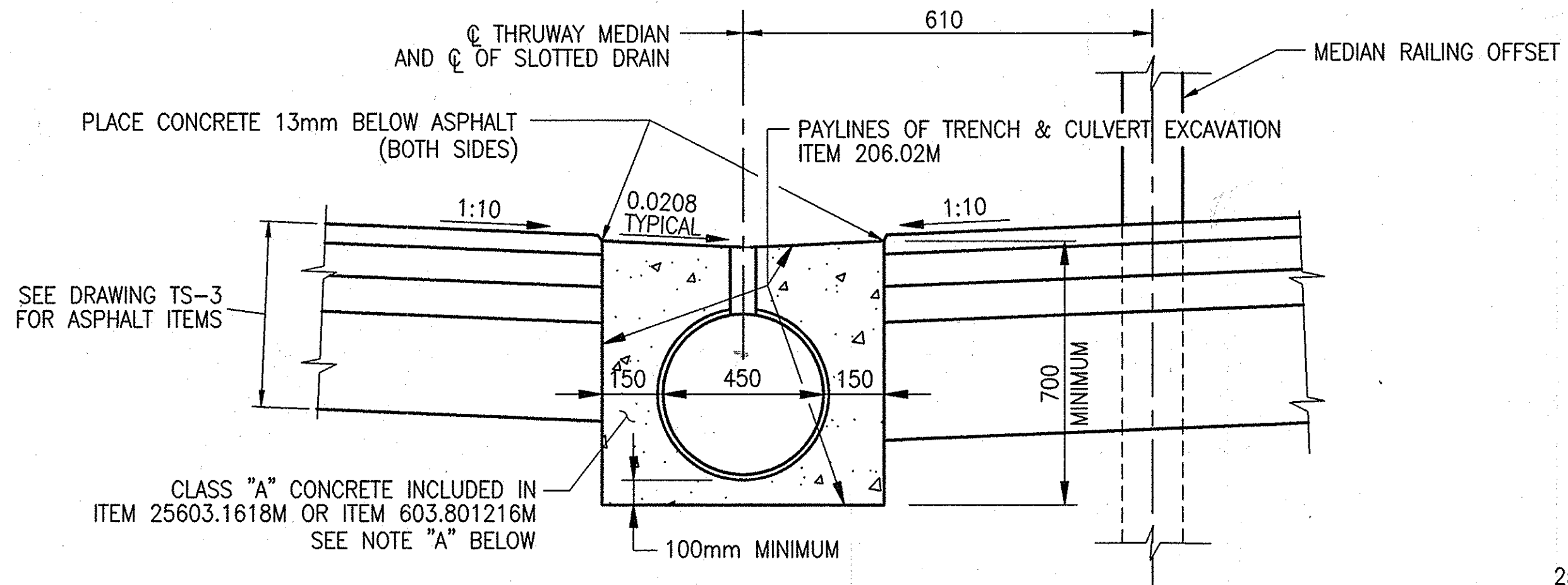
ITEM	DESCRIPTION
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.07M	SELECT GRANULAR FILL
206.02M	TRENCH & CULVERT EXCAVATION
209.1701M	DRAINAGE STRUCTURE INLET PROTECTION, SILT FENCE, TEMP.
604.072501M	ALTERING DRAINAGE STRUCTURE (TYPE 1)
610.0203M	ESTABLISHING TURF
613.0101M	TOPSOIL
655.0301M	FRAMES & GRATES (PARALLEL BAR TYPE)

2006 10-29	NO AS BUILT REVISIONS	Sanhadawin	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO MP 240.9			
TITLE OF DRAWING DRAINAGE DETAILS TYPE 1 D.I. ALTERATION			
CONTRACT NUMBER: TAS 06-38		DATE: 9/14/06	
DRAWING NUMBER: DD-5			

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A. MASTROIANNI
CHECKED BY:
R. COUNOVER, J.S. LeBLANC
DRAFTED BY:
B. KOSLOSKIE
DESIGNED BY:
A. MASTROIANNI
IN CHARGE OF:



SLOTTED INTERCEPT DRAIN CONNECTION TO NEW CATCH BASIN
NOT TO SCALE

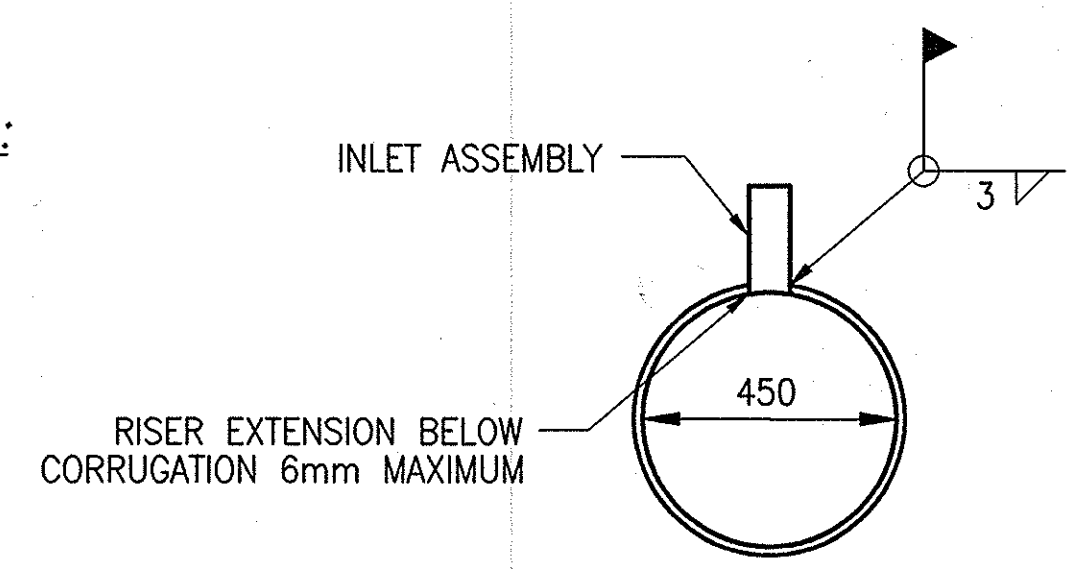


SLOTTED INTERCEPT DRAIN INSTALLATION DETAILS
NOT TO SCALE

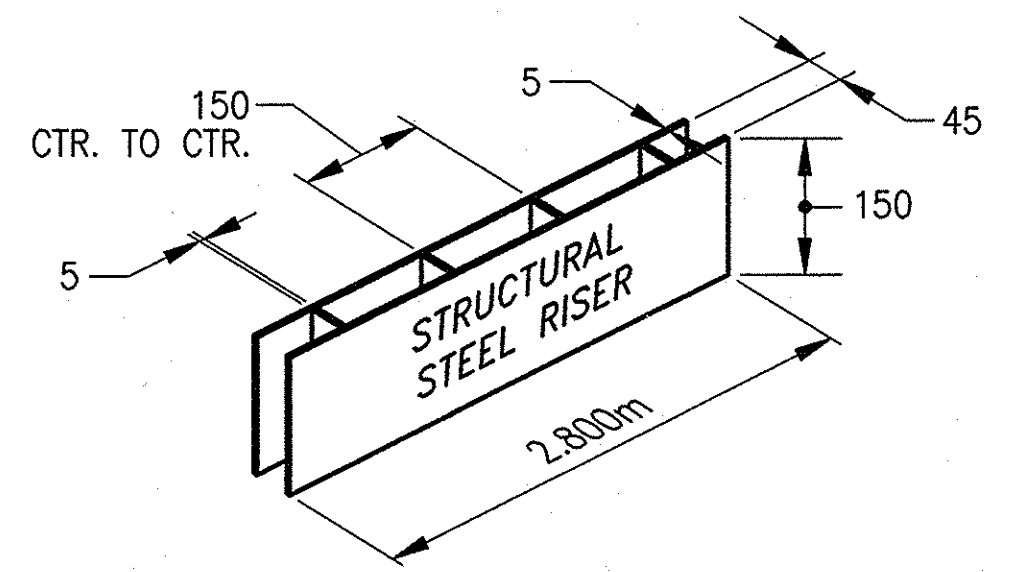
SLOTTED METAL DRAIN INSTALLATION				
DRAINAGE WORK LOCATION NUMBER	DRAWING NUMBER	APPROX. LIMITS MILEPOST TO MILEPOST	LENGTH OF ITEM 25603.1618M	LENGTH OF ITEM 603.801216M
18	PL-25	MP 235.45-235.35 MEDIAN	173.7m	3.0m
19	PL-26 & PL-27	MP 235.02 MEDIAN	24.3m	3.0m

GENERAL DRAINAGE STRUCTURE NOTES:

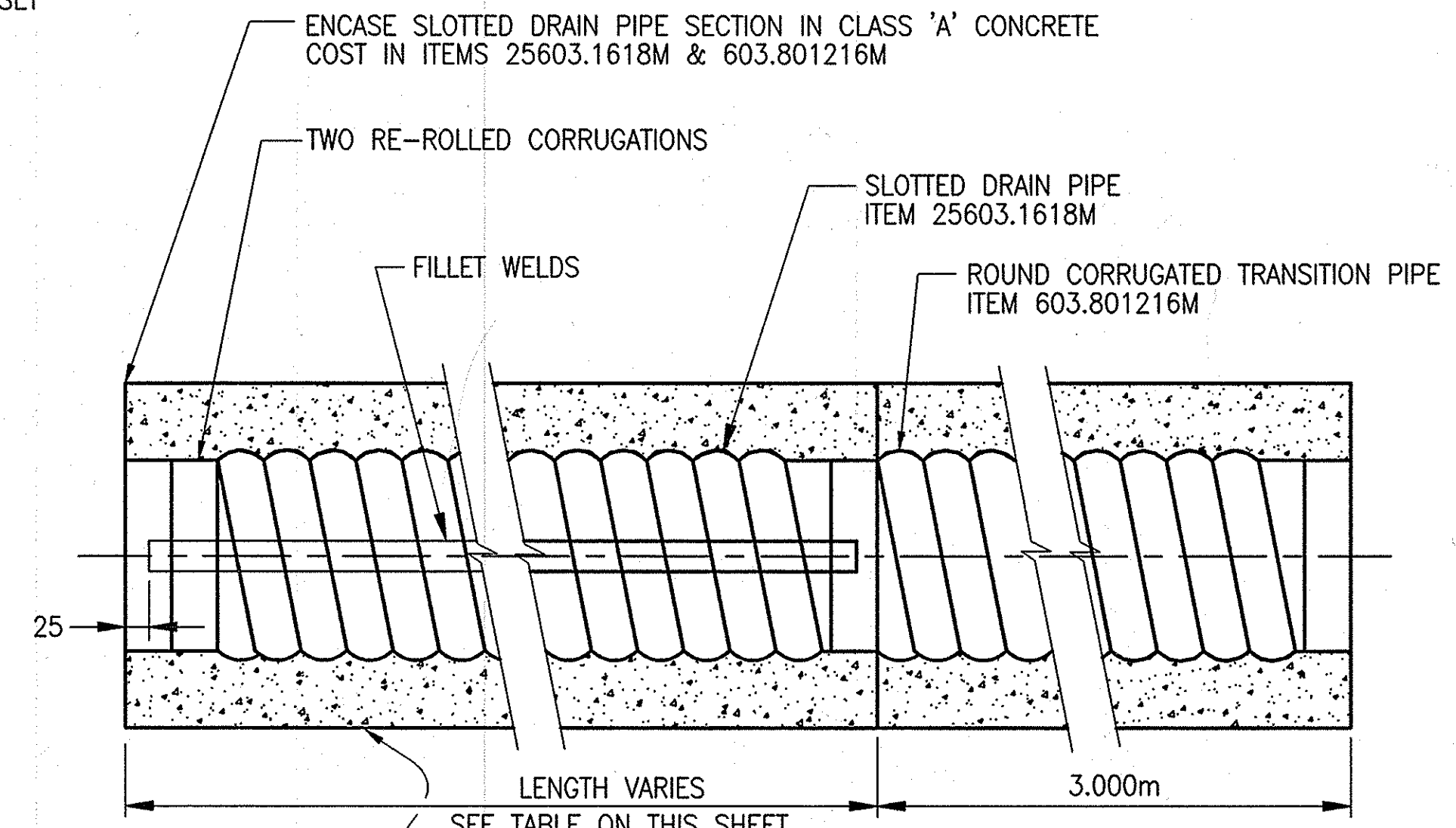
1. ANY DRAINAGE STRUCTURE GRATE IN A TRAFFIC LANE SHALL BE TACK WELDED IN ADDITION TO THE BOLTS TO PREVENT BECOMING LOOSE AND POPPING OUT OF THE FRAME. WELDS SHALL BE REMOVED AFTER DETOUR USE FOR MAINTENANCE PURPOSES. THE WELDS SHALL COMPLY WITH THE REQUIREMENTS SPECIFIED IN THE NYS STEEL CONSTRUCTION MANUAL, EXCEPT THAT RADIOGRAPHIC INSPECTION WILL NOT BE REQUIRED. COST TO BE INCLUDED IN ITEM 655.0201M.
2. ALL GRATES SHALL BE BOLTED DOWN TO THE FRAMES ON ALL CATCH BASINS, AS SHOWN ON THE STANDARD SHEETS, REGARDLESS OF THE LOCATION OF THE CATCH BASINS.
3. THE DRAINAGE SYSTEM SHALL REMAIN FULLY OPERATIONAL DURING ALL PHASES OF CONSTRUCTION.
4. ALL EXCAVATION AND BACKFILL WORK FOR TRENCH DRAIN INSTALLATION TO BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 206.02M.



CROSS SECTION
NOT TO SCALE



ISOMETRIC VIEW OF SLOT
NOT TO SCALE



NOTE:
STANDARD LENGTH OF ONE SECTION OF SLOTTED DRAIN PIPE = 3.05 METERS

PLAN
NOT TO SCALE

ITEM LIST:

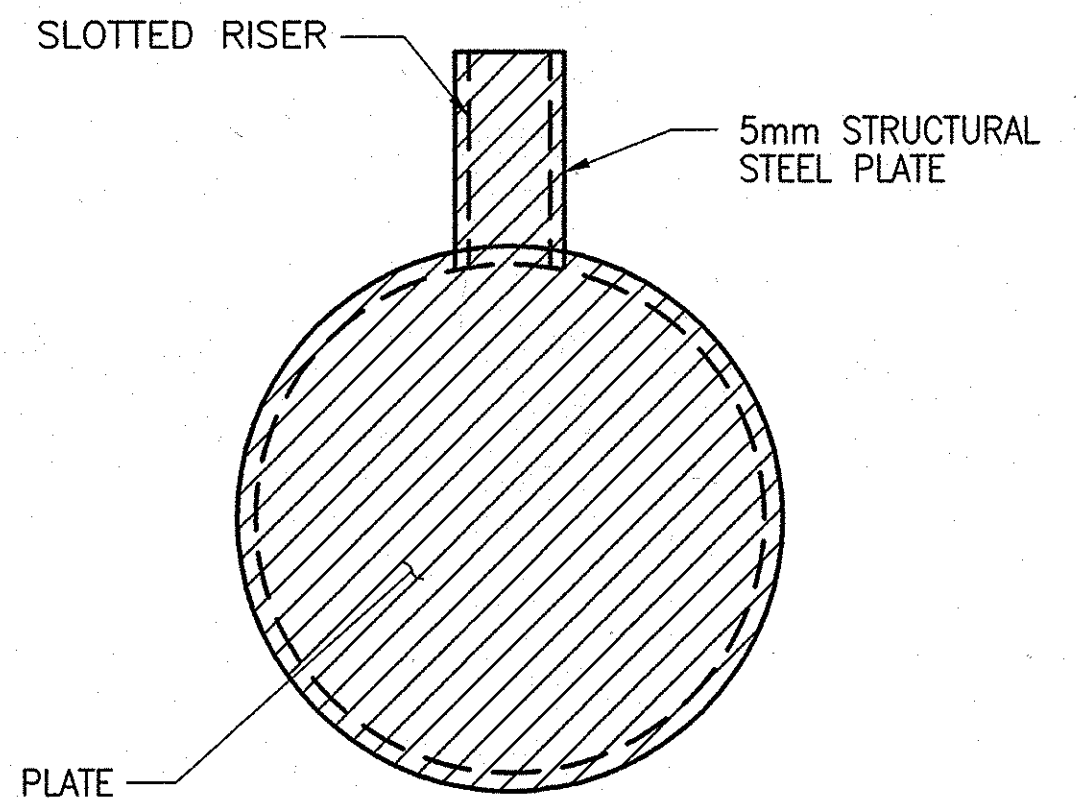
- ITEM 206.02M - TRENCH & CULVERT EXCAVATION
ITEM 25603.1618M - CORRUGATED STEEL PIPE INTERCEPT DRAIN 450mm DIA 16 GA
ITEM 603.801216M - CORRUGATED STEEL PIPE (68X13mm) 450mm DIA 16 GA POLYMER COATED
ITEM 25604.0625M - CONNECTION TO EXISTING DRAINAGE SYSTEM

NOTE:

A) FOR 450mm DIAMETER SLOTTED INTERCEPT DRAIN, IT IS ANTICIPATED THAT APPROXIMATELY 0.360m³ OF CLASS "A" CONCRETE WILL BE REQUIRED FOR EACH METER OF SLOTTED DRAIN PIPE ENCASEMENT.

SLOTTED DRAIN NOTES:

1. PIPE MAY BE BLOCKED UP WITH CONCRETE BLOCK OR BRICK TO ACHIEVE FINAL GRADE PRIOR TO CONCRETE PLACEMENT.
2. CONNECT DRAINAGE SYSTEM TO EXISTING CATCH BASINS - ITEM 25604.0625M. EXCAVATION FOR SYSTEM PAID UNDER ITEM 206.02M.
3. CONCRETE ENCASEMENT OF ROUND CORRUGATED TRANSITION PIPE TO BE PAID UNDER ITEM 603.801216M.

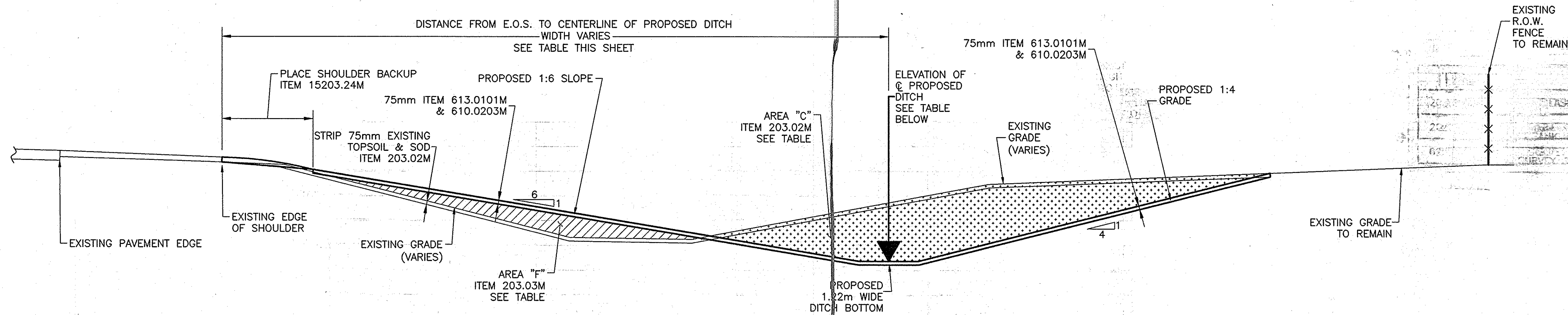


CAPPED FREE END OF SLOTTED INTERCEPT DRAIN
NOT TO SCALE

WELDED GALVANIZED STEEL PLATE (COST TO BE INCLUDED IN PRICE FOR TRENCH DRAIN)

2006 10-30	NO AS BUILT REVISIONS	landscaping	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY IN SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 235.5 TO MP 240.9			
TITLE OF DRAWING DRAINAGE DETAILS			
	CONTRACT NUMBER: TAS 06-38		
	DATE: 8/26/06		
	DRAWING NUMBER: DD-6		

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE SHOWN IN METERS.



TYPICAL SECTION
SLOPE FLATTENING AND DITCH RE-SHAPING
M.P. 240.48± TO M.P. 240.0±
EASTBOUND RIGHT

DRAINAGE WORK LOCATION 1

SEE DRAWINGS PL-3, PL-4 & PL-5 FOR PLAN VIEW
SEE DRAWINGS SD-2 THROUGH SD-11 FOR INDIVIDUAL SURVEYED SECTIONS

EARTHWORK TABLE - LOCATION 1

METRIC STATIONING (DWGS PL-3, PL-4, & PL-5)	SECTION DESIGNATION (DWGS PL-3, PL-4, & PL-5)	DISTANCE FROM EDGE OF SHOULDER TO PROPOSED DITCH CENTERLINE (METERS)	PROPOSED DITCH ELEVATION (METERS)	AREA "F" AREA OF EMBANKMENT IN-PLACE (SQUARE METERS)	AREA "C" AREA OF UNCLASSIFIED EXCAVATION & DISPOSAL (SQUARE METERS)	DISTANCE BETWEEN CROSS- SECTIONS (meters)	ESTIMATED VOLUME OF EMBANKMENT IN-PLACE (CUBIC METERS)	ESTIMATED VOLUME OF UNCLASSIFIED EXCAVATION & DISPOSAL (CUBIC METERS)
1+000.00	A			0.00	0.00	15.00	0.0	98.0
1+015.00	A1	4.25	100.28	0.00	13.07	25.00	7.4	315.0
1+040.00	B	8.13	99.99	0.59	12.13	20.50	44.7	126.0
1+060.50	C	9.66	99.82	3.77	0.16	19.50	61.4	29.4
1+080.00	D	11.13	100.12	2.53	2.86	40.00	101.2	124.4
1+120.00	E	11.13	100.71	2.53	3.36	40.00	117.4	115.0
1+160.00	F	11.13	101.48	3.34	2.39	24.00	60.7	62.5
1+184.00	G	10.74	101.87	1.72	2.82	16.00	26.0	102.9
1+200.00	H	10.20	102.27	1.53	10.04	40.00	38.4	455.2
1+240.00	I	9.45	102.96	0.39	12.72	40.00	17.8	484.6
1+280.00	J	8.40	103.72	0.50	11.51	18.00	13.0	178.4
1+298.00	K	8.09	104.12	0.94	8.31	22.00	25.1	215.6
1+320.00	L	7.69	104.51	1.34	11.29	24.86	27.2	267.6
1+344.86	M	7.17	104.99	0.85	10.24	15.00	12.1	112.5
1+359.86	N	6.18	105.39	0.76	4.76	40.14	28.1	263.5
1+400.00	O	5.95	106.01	0.64	8.37	40.00	20.6	291.8
1+440.00	P	4.89	106.74	0.39	6.22	20.00	7.2	115.7
1+460.00	Q	4.45	107.01	0.33	5.35	20.00	4.1	131.0
1+480.00	R	4.10	107.32	0.08	7.75	40.00	11.2	387.0
1+520.00	S	5.79	107.45	0.48	11.60	22.00	12.5	292.9
1+542.00	T	8.46	107.24	0.66	15.03	22.20	104.6	177.2
1+564.20	T2	13.79	106.12	8.77	0.93	10.00	63.8	38.5
1+574.20	T2E	11.81	107.08	3.98	6.76	25.8	108.4	196.7
1+600.00	U	10.52	107.63	4.42	8.49	40.00	161.0	327.8
1+640.00	V	11.00	108.03	3.63	7.90	40.00	144.4	205.6
1+680.00	W	12.75	108.23	3.59	2.38	15.99	71.4	23.7
1+695.99	W2	13.47	108.31	5.34	0.58	24.01	101.6	46.9
1+720.00	X	12.00	108.89	3.12	3.33	40.00	78.4	66.6
1+760.00	Y	8.28	109.83	0.80	0.00			
SUM:							8.0 -4469.7 1477.7	0 5252.0

14780.00

STRIPPING 369.62 cm.

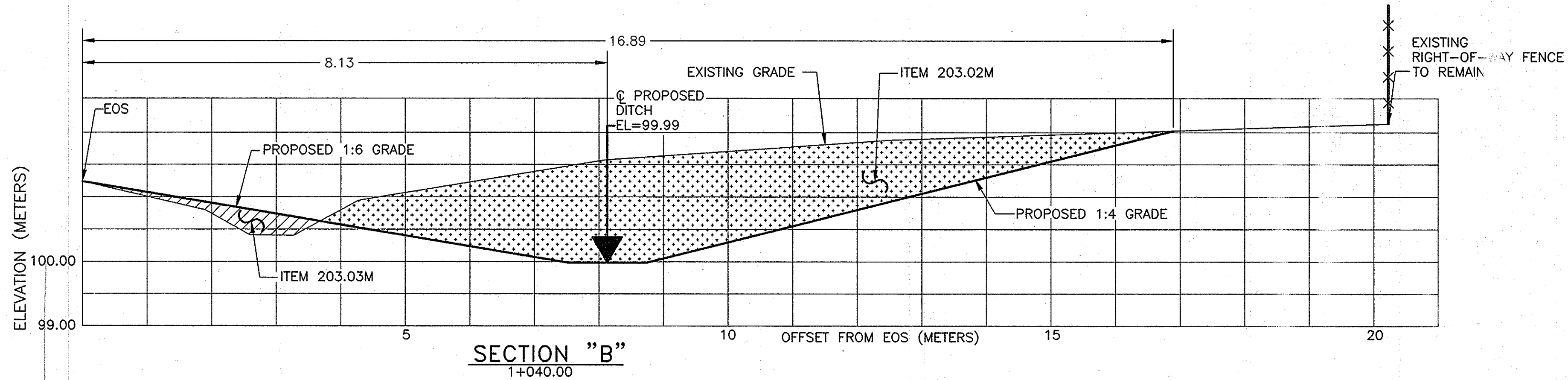
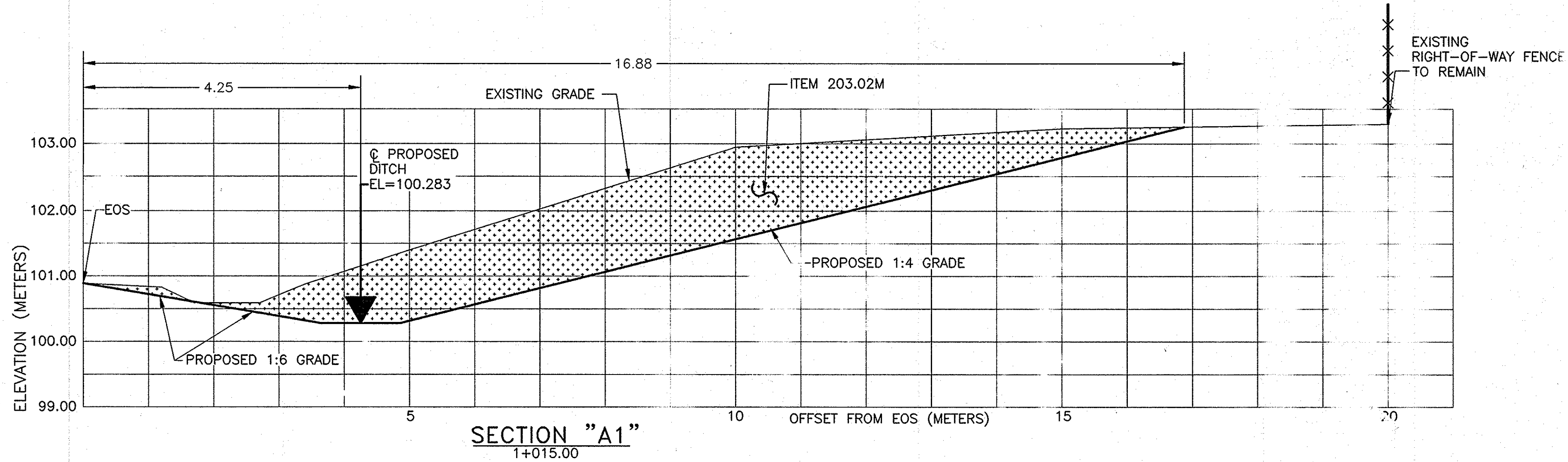
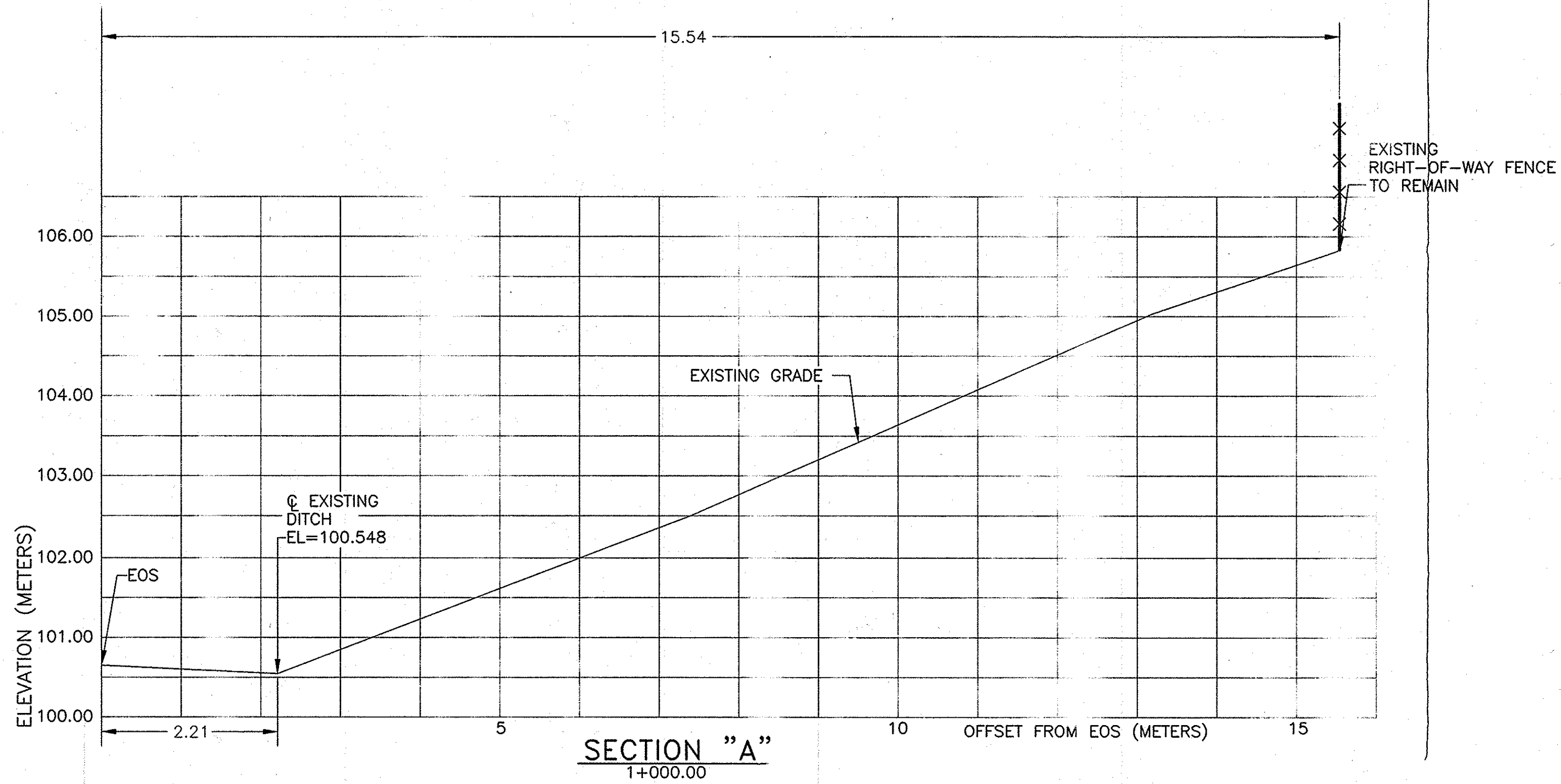
ITEM	DESCRIPTION
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.03M	EMBANKMENT IN PLACE
15203.24M	SHOULDER BACKUP MATERIAL
610.0203M	ESTABLISHING TURF
613.0101M	TOPSOIL

NOTES:

- THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
- DRAINAGE WORK LOCATION 1 ELEVATIONS SHOWN ARE FOR THIS SITE ONLY. NO ATTEMPT HAS BEEN MADE TO TIE ELEVATIONS TO ANY PARTICULAR ELEVATION DATUM. TEMPORARY BENCH MARK #1 IS A SQUARE CUT INTO THE CONCRETE TOP OF THE MEDIAN DROP INLET AT M.P. 240.48 EAST OF THE JUDD ROAD BRIDGE. SEE DRAWING MT-2 FOR BENCH MARK INFORMATION.
- STATIONING NOTE: SURVEY PROVIDED FOR CROSS SECTIONS THROUGH WORK LOCATION #1. METRIC STATIONING (SHOWN ON PLAN SHEETS PL-3 & PL-4) IS TO BE USED FOR WORK LOCATION #1 ONLY. NO ATTEMPT HAS BEEN MADE TO TIE THIS STATIONING TO THE ORIGINAL BASELINE STATIONING OR ANY OTHER WORK LOCATION. METRIC STATIONING RUNS ALONG THE EASTBOUND RIGHT (SOUTHERLY) EDGE OF SHOULDER AND INCREASES AS ONE TRAVELS EASTERLY. STATION 1+000.00 HAS BEEN ARBITRARILY CHOSEN DIRECTLY ADJACENT TO THE MEDIAN DROP INLET AT MILEPOST 240.47±.

2006 10-30	ADDED NEW LOCATION	Sandro	△
2006 11-30	REVISED QUANTITY	Sandro	△
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5-240.9			
TITLE OF DRAWING SPECIAL DRAINAGE DETAILS GRADING WORK LOCATION 1			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	8/23/06
		DRAWING NUMBER:	SD-1

IN CHARGE OF: A. MASTROIANINI
DESIGNED BY: B. KOSLOSKE
DRAFTED BY: B. KOSLOSKE
CHECKED BY: XXX
F:\2006\06\28-SD-2.dwg

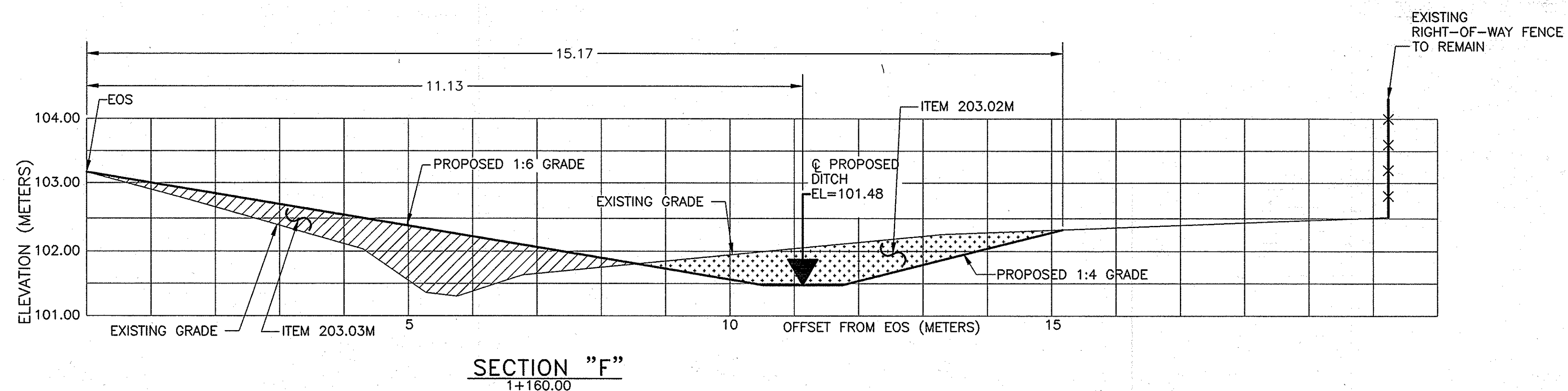
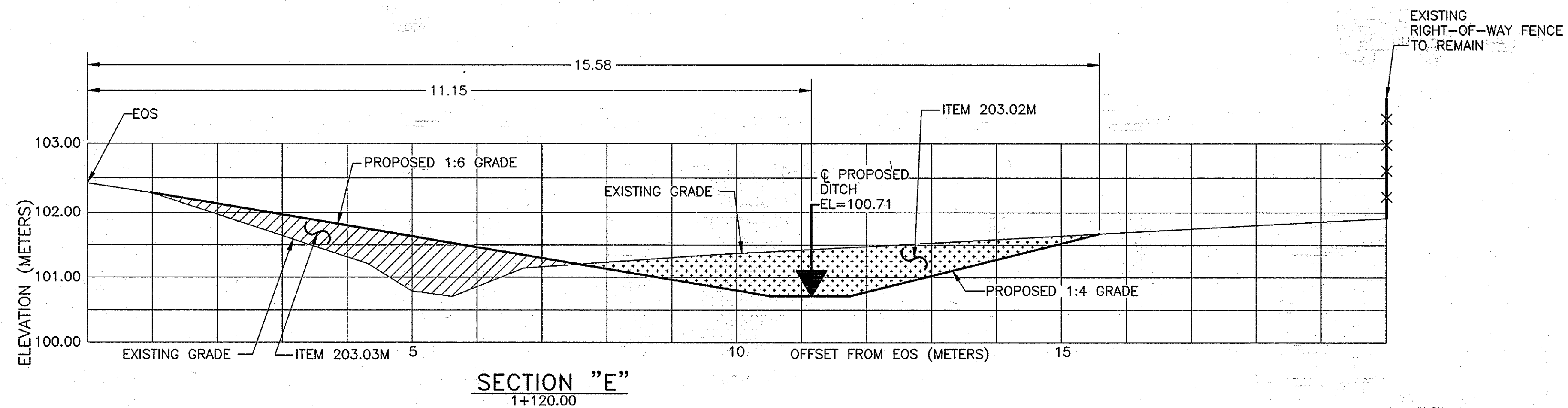
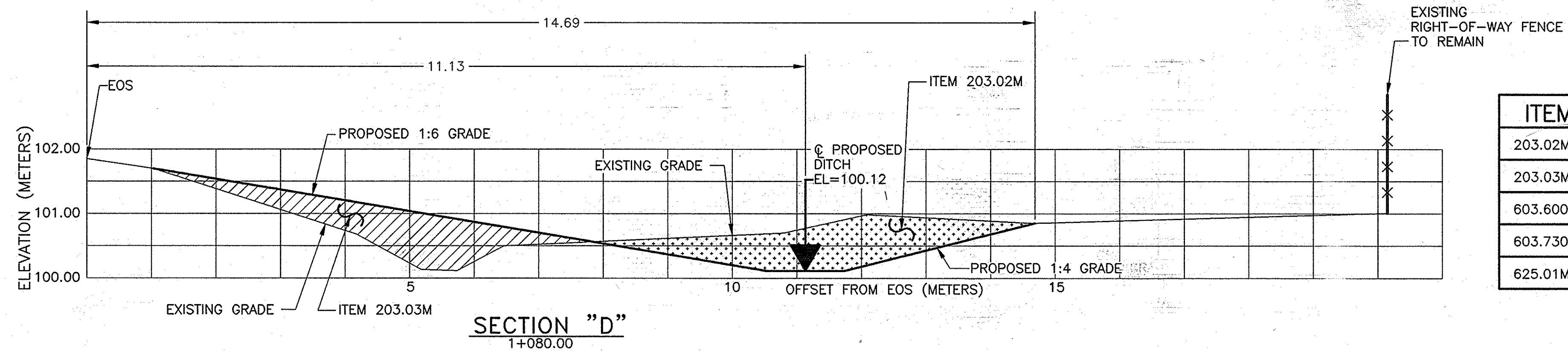
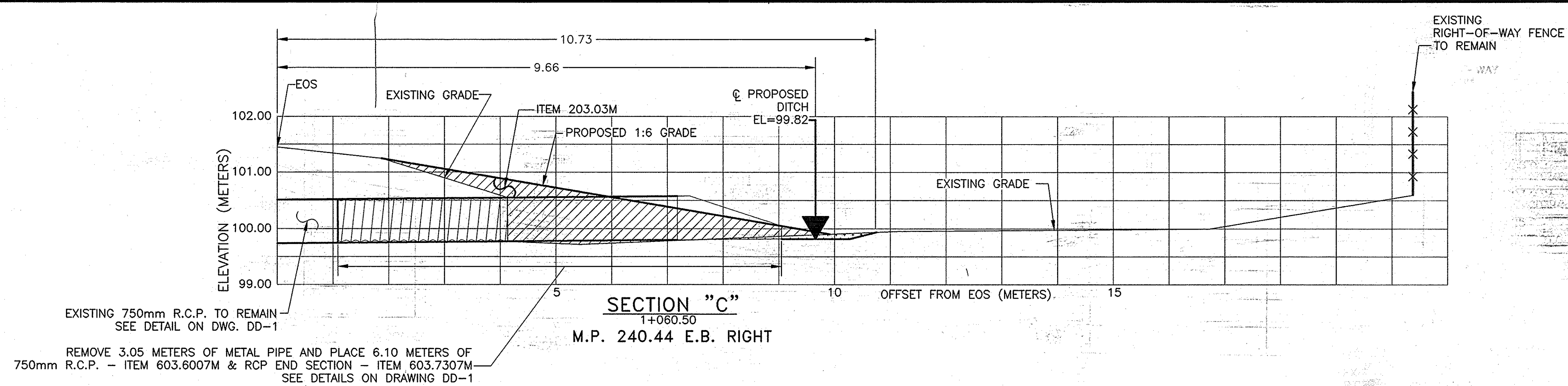


- NOTES:
- 1)SEE DRAWING MT-2 FOR BENCH MARK LOCATIONS.
SEE TABLE ON DRAWING SD-1 FOR EARTHWORK INFORMATION.
SEE DRAWING SD-1 FOR MORE DETAIL.
SEE PLAN SHEET PL-3 FOR STATIONING NOTE.
 - 2)THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
 - 3)PROPOSED CENTERLINE OF DITCH AND PROPOSED LIMITS OF EXCAVATION
SHALL BE STAKED OUT AND FIELD VERIFIED UNDER ITEM 625.01M - SURVEY & STAKEOUT.

NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS.
UNLESS OTHERWISE NOTED, ALL ELEVATIONS
ARE SHOWN IN METERS.

ITEM	DESCRIPTION
203.02M	UNC. S.F. (CAUTION & DISPOSAL)
203.03M	EX.
625.01M	STAKEOUT

2006 10-30	NO AS BUILT REVISIONS	Sanchez
DATE	DESCRIPTION	SYM.
REVISIONS		
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209		
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK		
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 - 240.9		
TITLE OF DRAWING SECTIONS DRAINAGE WORK LOCATION (1)		
CONTRACT NUMBER: TAS 06-38		DATE: 1/06
DRAWING NUMBER: SD-2		



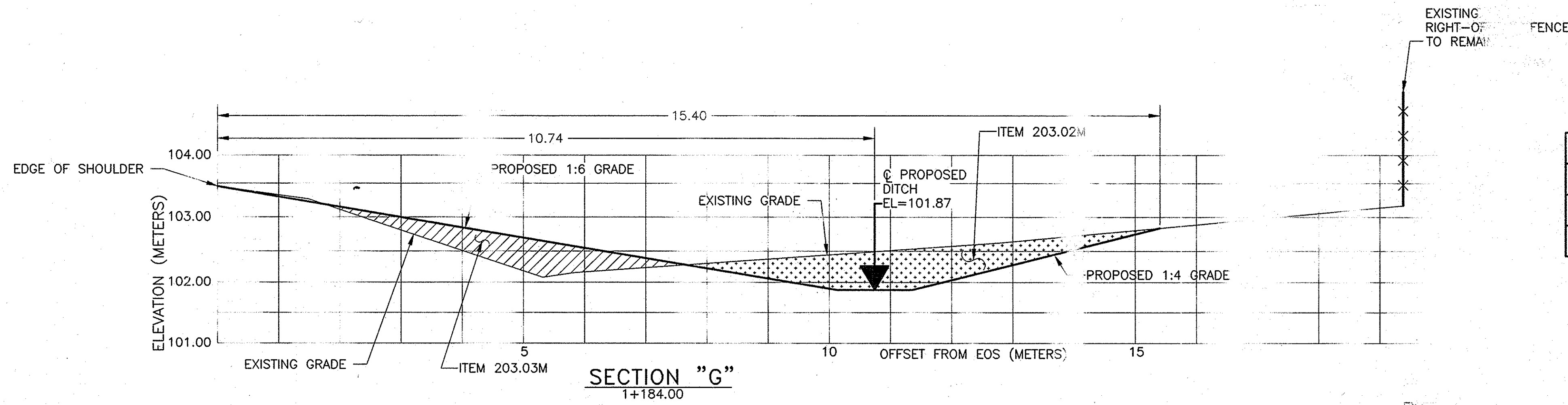
NOTES:

- 1) SEE DRAWING MT-2 FOR BENCH MARK LOCATIONS.
SEE TABLE ON DRAWING SD-1 FOR EARTHWORK INFORMATION.
SEE DRAWING SD-1 FOR MORE DETAIL.
SEE PLAN SHEET PL-3 FOR STATIONING NOTE.
- 2) THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
- 3) PROPOSED CENTERLINE OF DITCH AND PROPOSED LIMITS OF EXCAVATION
SHALL BE STAKED OUT AND FIELD VERIFIED UNDER ITEM 625.01M - SURVEY & STAKEOUT.

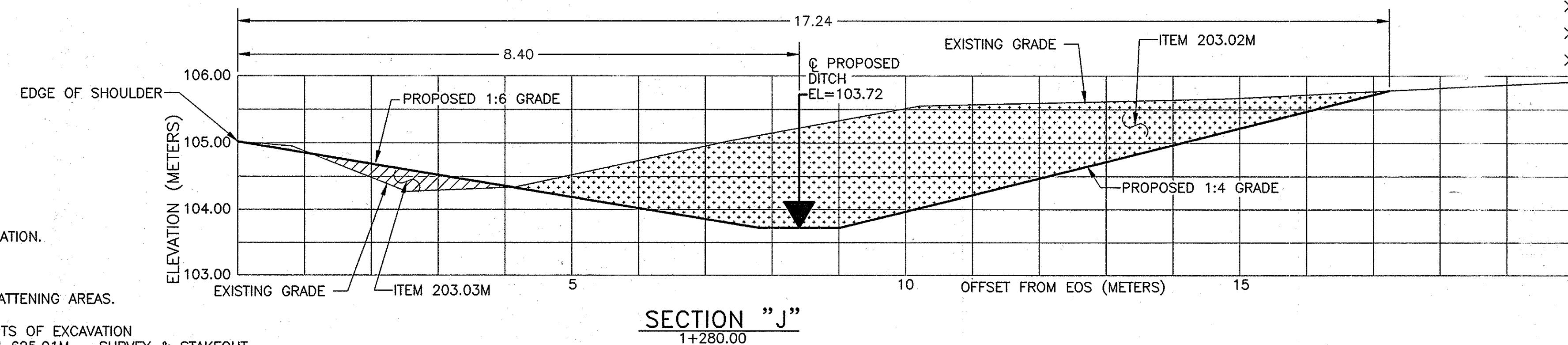
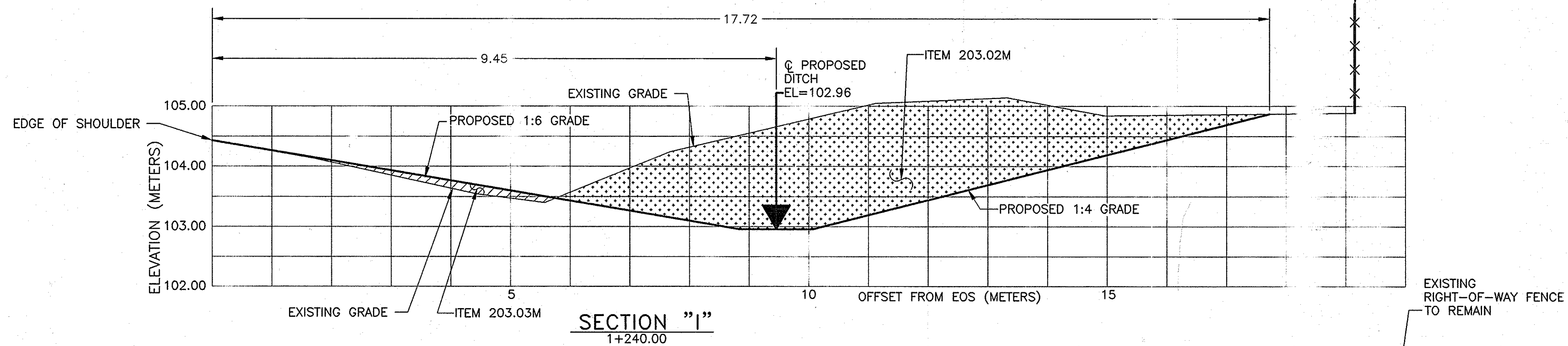
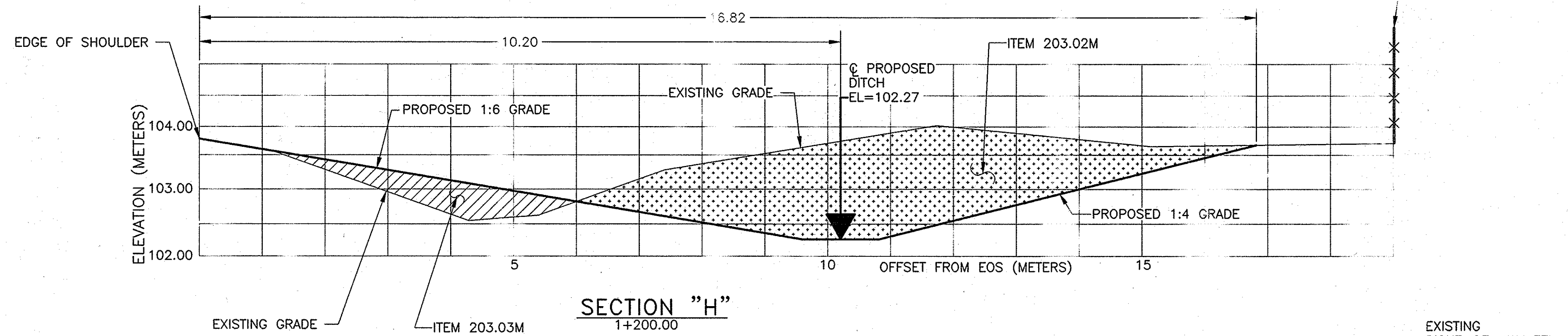
NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

ITEM	DESCRIPTION
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.03M	EMBANKMENT IN PLACE
603.6007M	R.C.P. CLASS III - 750mm DIA.
603.7307M	R.C.P. END SECTION - 750mm DIA.
625.01M	SURVEY & STAKEOUT

DATE	DESCRIPTION	BY	SYM.
10/30	NO AS BUILT REVISIONS	Sanchez	
REVISIONS NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209 TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 - 240.9 TITLE OF DRAWING SECTIONS DRAINAGE WORK LOCATION ①			
CONTRACT NUMBER: TAS 06-38		DATE: 7/1/06	
DRAWING NUMBER: SD-3			



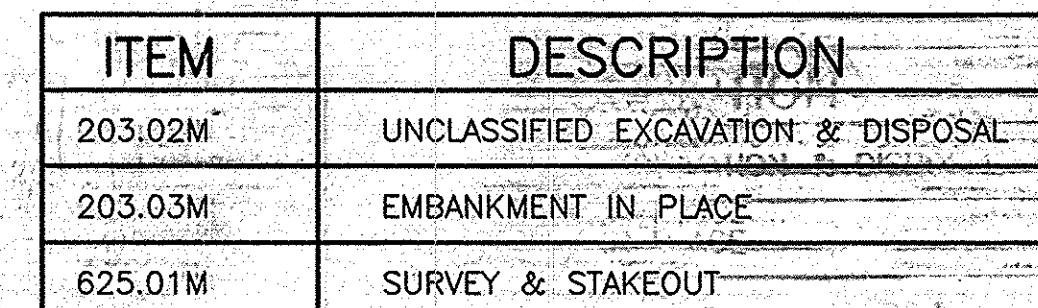
ITEM
203.02M
203.03M
625



- NOTES:
- 1) SEE DRAWING MT-2 FOR BENCH MARK LOCATIONS.
SEE TABLE ON DRAWING SD-1 FOR EARTHWORK INFORMATION.
SEE DRAWING SD-1 FOR MORE DETAIL.
SEE PLAN SHEET PL-3 FOR STATIONING NOTE.
 - 2) THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
 - 3) PROPOSED CENTERLINE OF DITCH AND PROPOSED LIMITS OF EXCAVATION SHALL BE STAKED OUT AND FIELD VERIFIED UNDER ITEM 625.01M - SURVEY & STAKEOUT.

NOTE:
ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE NOTED
ARE SHOWN IN METERS.

2007 10.30 NO AS BUILT REVISIONS		Sandra Lino	
DATE	DESCRIPTION	BY	DATE
REVISIONS			
NEW	STATE	TRUWAY	AUTHORITY
DEPT. OF ENG.	OF ENG.	ING AND MAINTENANCE	
200 SOUTHERN BL	ALBANY, N.Y.	12209	
TITLE OF PROJECT		SYNTHETIC IMPROVEMENTS	
MILL		ROADWORK	
LOCATION OF PROJECT		DIVISION	
MILEPOST		.5 - 240.9	
TITLE OF DRAWING		SECTIONS	
DRAINAGE		LOCATION	
CONTRACT NUMBER		1A 06-38	
DATE		/06	
DRAWN BY		NUMBER	
		-4	



SECTION "K"
1+298.00

Diagram showing a cross-section of a ditch and proposed grades. The vertical axis is ELEVATION (METERS) from 104.00 to 107.00. The horizontal axis is OFFSET FROM EOS (METERS) from 0 to 15. The diagram includes the following features:

- EXISTING GRADE**: The ground surface profile.
- PROPOSED 1:6 GRADE**: The left side of the ditch.
- PROPOSED 1:4 GRADE**: The right side of the ditch.
- PROPOSED DITCH**: The excavated area, indicated by a dashed line and a downward arrow.
- ITEM 203.03M**: A point on the left side of the ditch.
- ITEM 203.02M**: A point on the right side of the ditch.
- EOS**: End of Section.
- EXISTING RIGHT-OF-WAY FENCE TO REMAIN**: A fence line on the right side of the section.

Dimensions: 7.69 (from EOS to the start of the ditch), 16.99 (total width of the section).

Labels: EOS, EXISTING GRADE, PROPOSED 1:6 GRADE, PROPOSED DITCH, EL=104.51, ITEM 203.03M, ITEM 203.02M, PROPOSED 1:4 GRADE, EXISTING RIGHT-OF-WAY FENCE TO REMAIN.

SECTION "L"

1+320.00

EXISTING GRADE

ITEM 203.03M

18.50

7.17

108.00

107.00

106.00

105.00

104.00

EXISTING GRADE

C. PROPOSED DITCH EL=104.99

PROPOSED 1:6 GRADE

ITEM 203.02M

PROPOSED 1:4 GRADE

EXISTING RIGHT-OF-WAY FENCE TO REMAIN

SECTION "M"

1+344.86

EXISTING GRADE

ITEM 203.03M


5

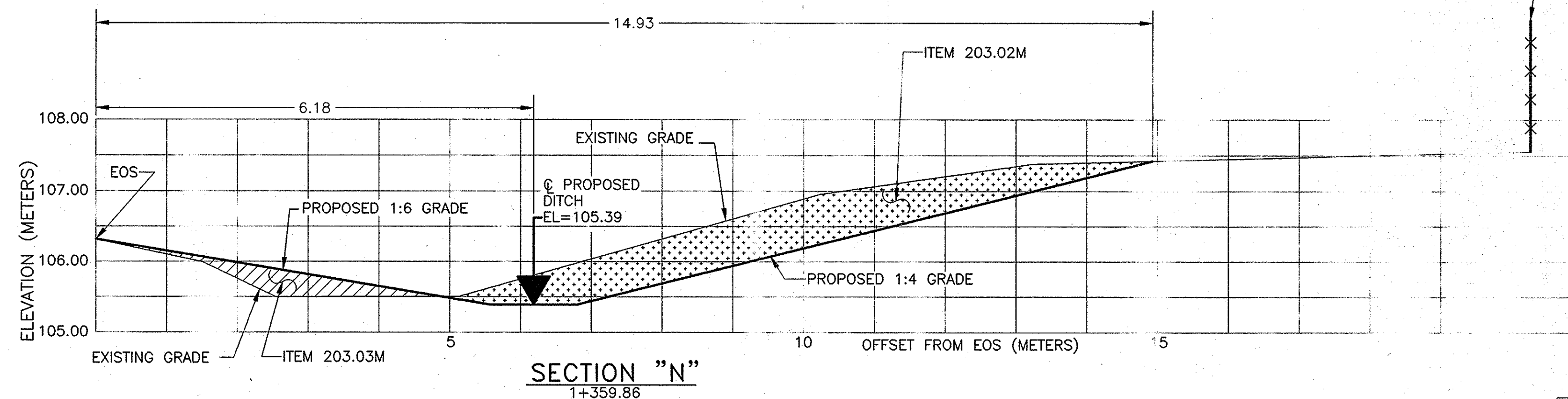
10

15

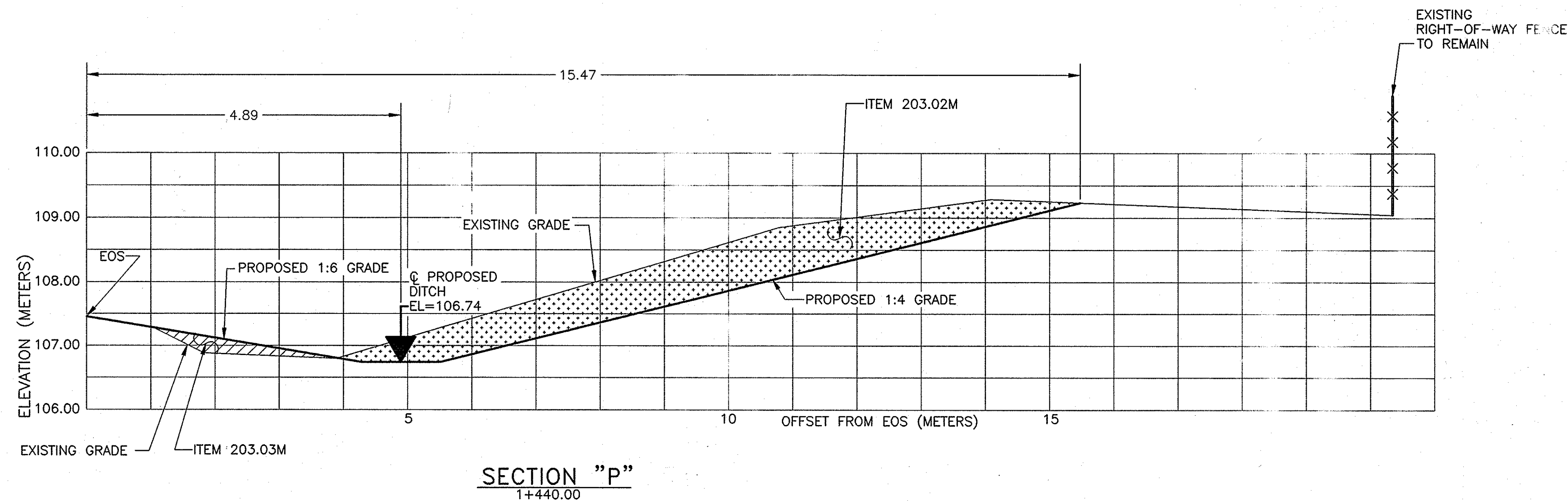
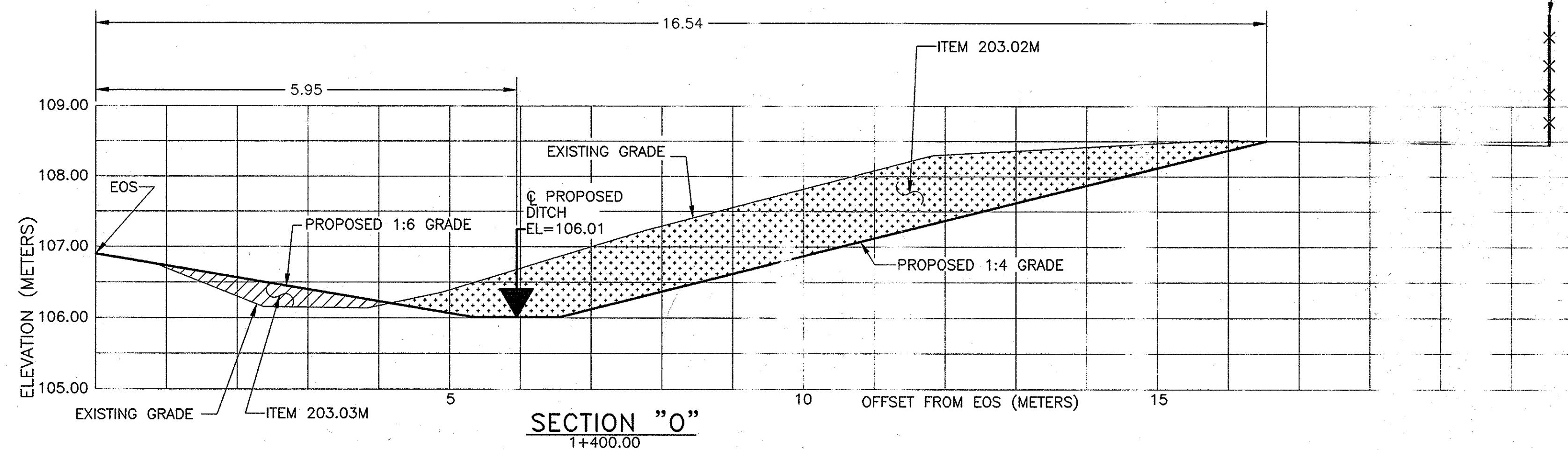
OFFSET FROM EOS (METERS)

NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2001 10-30	NO RS BUILT REVISIONS	<i>Sanchez</i>	
DATE	DESCRIPTION	BY	S
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 - 240.9			
TITLE OF DRAWING			
SECTIONS DRAINAGE WORK LOCATION ①			
	CONTRACT NUMBER: TAS 06-38		
	DATE: 7/1/06		
	DRAWING NUMBER: SD-5		



ITEM	DESCRIPTION
203.02M	EXCAVATION
203.03M	PLACEMENT
625.0	STAKEOUT

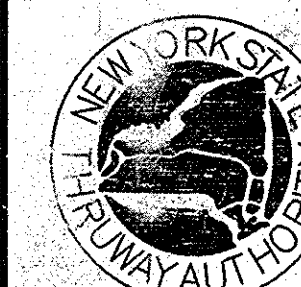


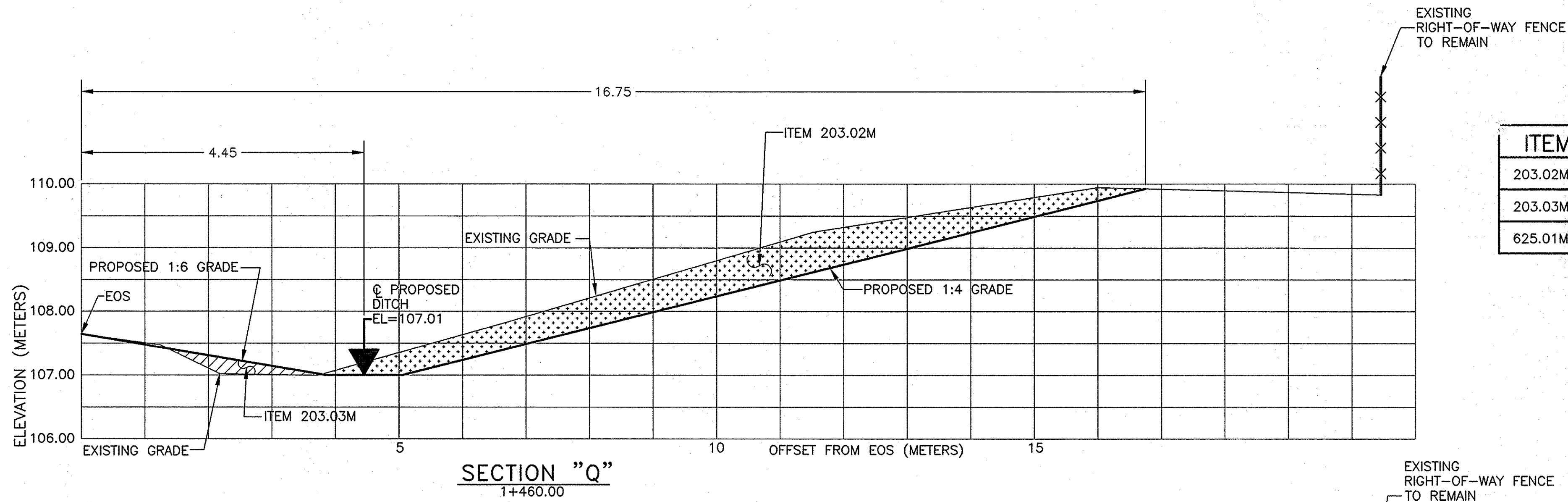
NOTES:

- 1) SEE DRAWING MT-2 FOR BENCH MARK LOCATIONS.
SEE TABLE ON DRAWING SD-1 FOR EARTHWORK INFORMATION.
SEE DRAWING SD-1 FOR MORE DETAIL.
SEE PLAN SHEET PL-3 FOR STATIONING NOTE.
- 2) THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
- 3) PROPOSED CENTERLINE OF DITCH AND PROPOSED LIMITS OF EXCAVATION SHALL BE STAKED OUT AND FIELD VERIFIED UNDER ITEM 625.01M - SURVEY & STAKEOUT.

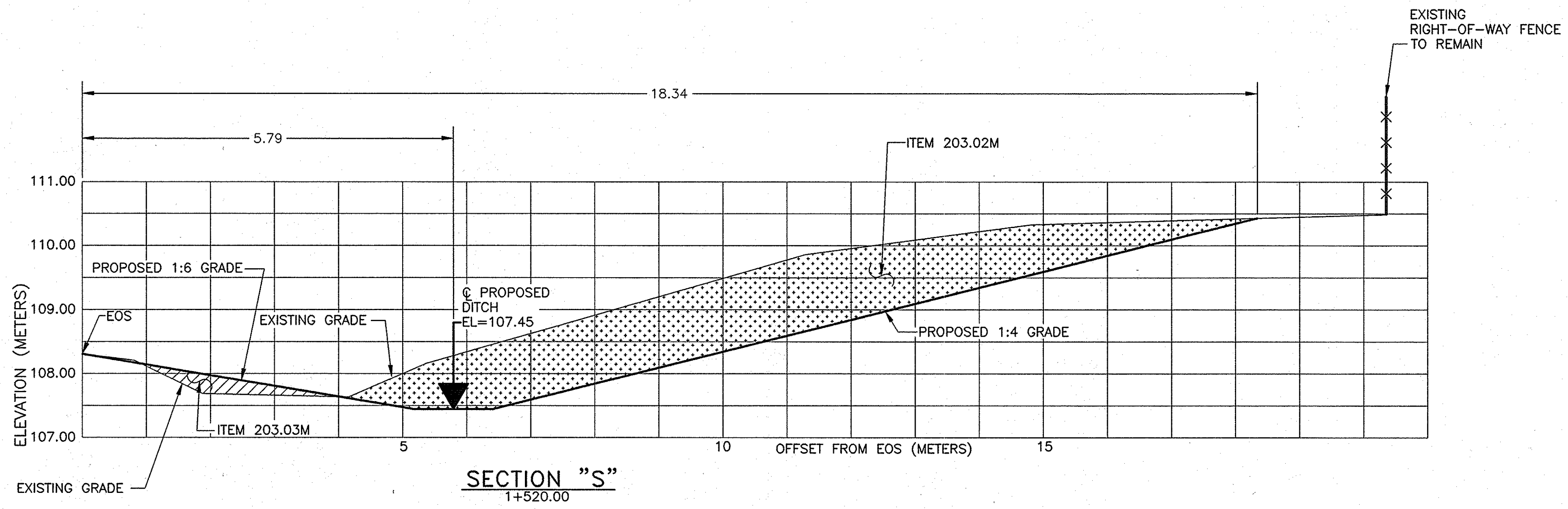
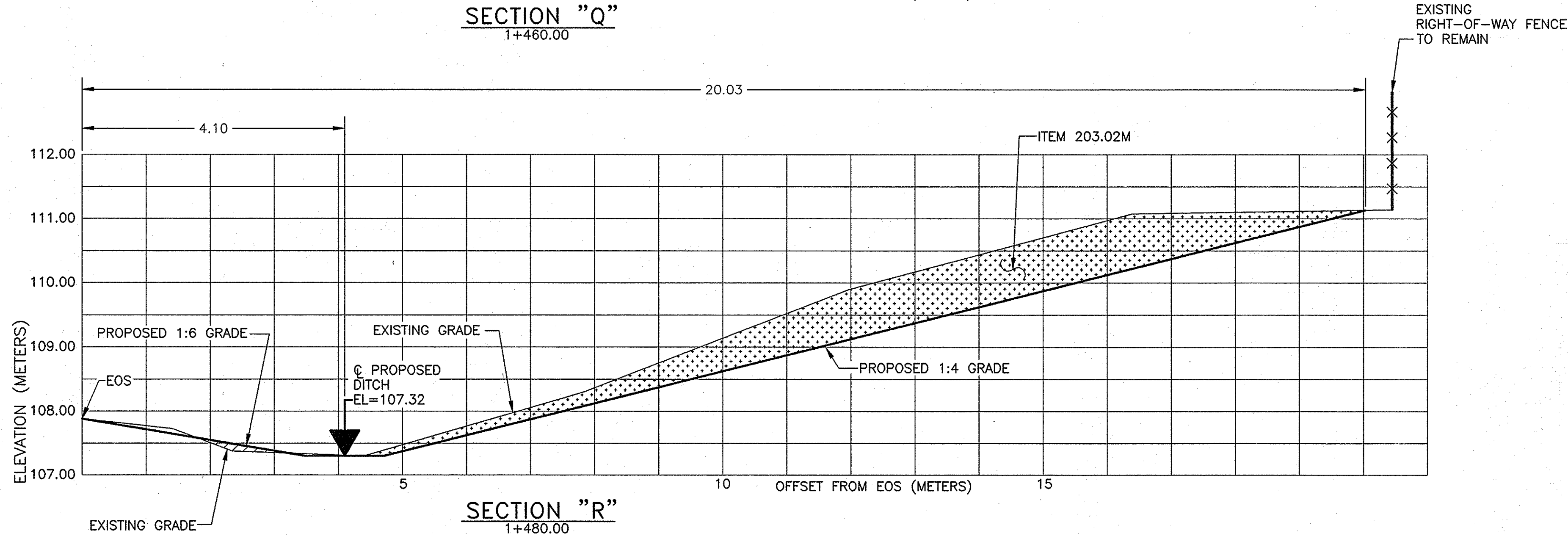
NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2001 10-30	NO AS BUILT REVISIONS	Sanchez
DATE	DESCRIPTION	BY
REVISIONS		
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209		
TITLE OF PROJECT MILL INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK		
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 - 240.9		
TITLE OF DRAWING SECTIONS DRAINAGE WORK LOCATION ①		
CONTRACT NUMBER: TAS 06-38		DATE: 7/1/06
DRAWING NUMBER: SD-6		





ITEM	DESCRIPTION
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.03M	EMBANKMENT IN PLACE
625.01M	SURVEY & STAKEOUT

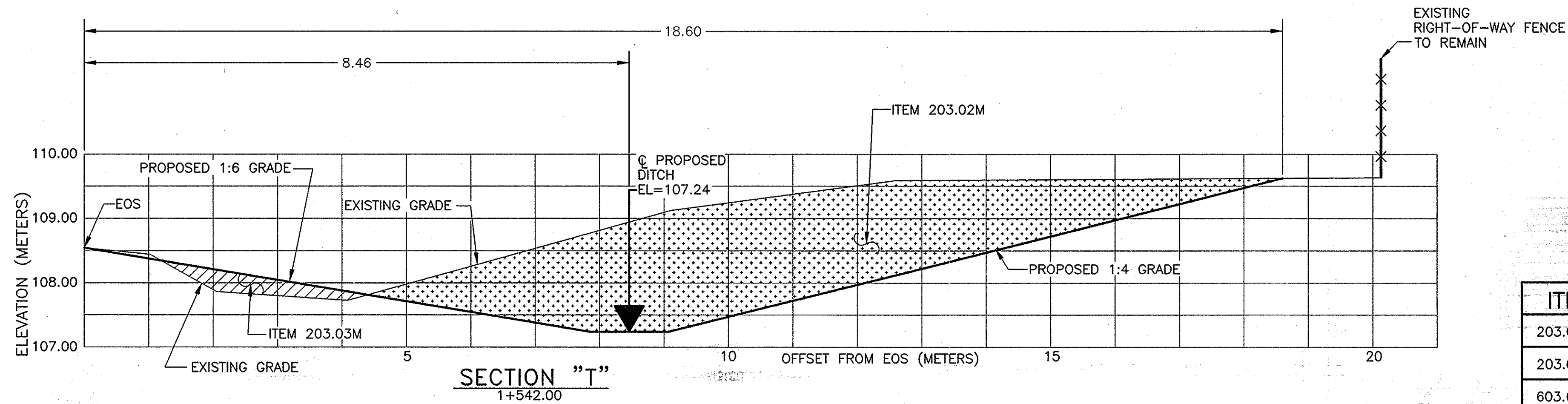


- NOTES:
- 1)SEE DRAWING MT-2 FOR BENCH MARK LOCATIONS.
SEE TABLE ON DRAWING SD-1 FOR EARTHWORK INFORMATION.
SEE DRAWING SD-1 FOR MORE DETAIL.
SEE PLAN SHEET PL-3 FOR STATIONING NOTE.
 - 2)THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
 - 3)PROPOSED CENTERLINE OF DITCH AND PROPOSED LIMITS OF EXCAVATION
SHALL BE STAKED OUT AND FIELD VERIFIED UNDER ITEM 625.01M - SURVEY & STAKEOUT.

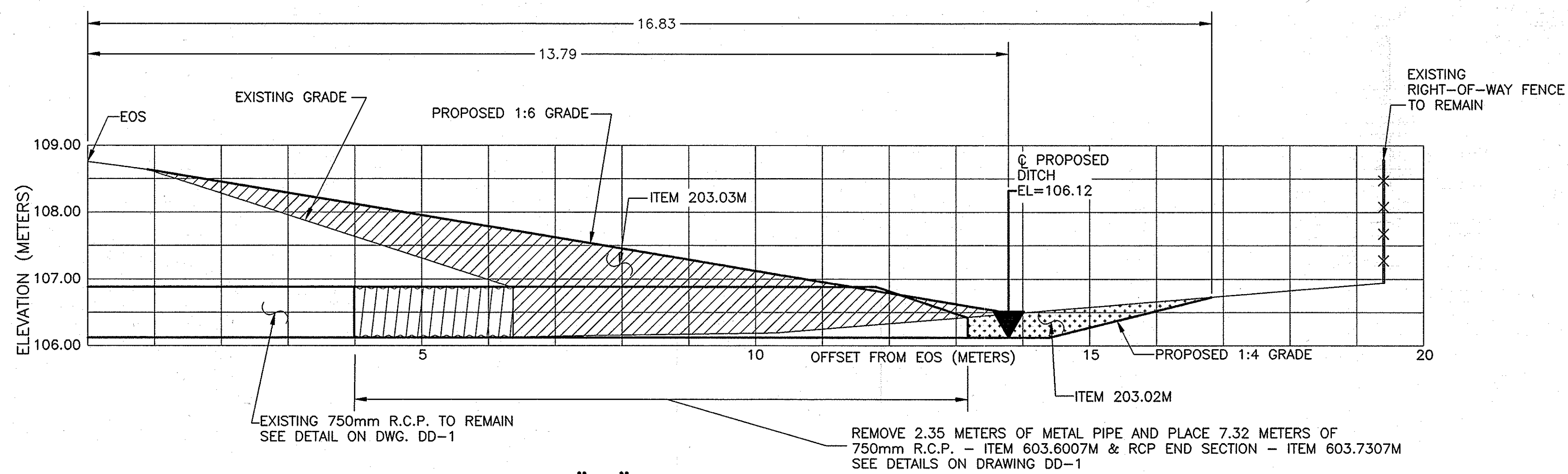
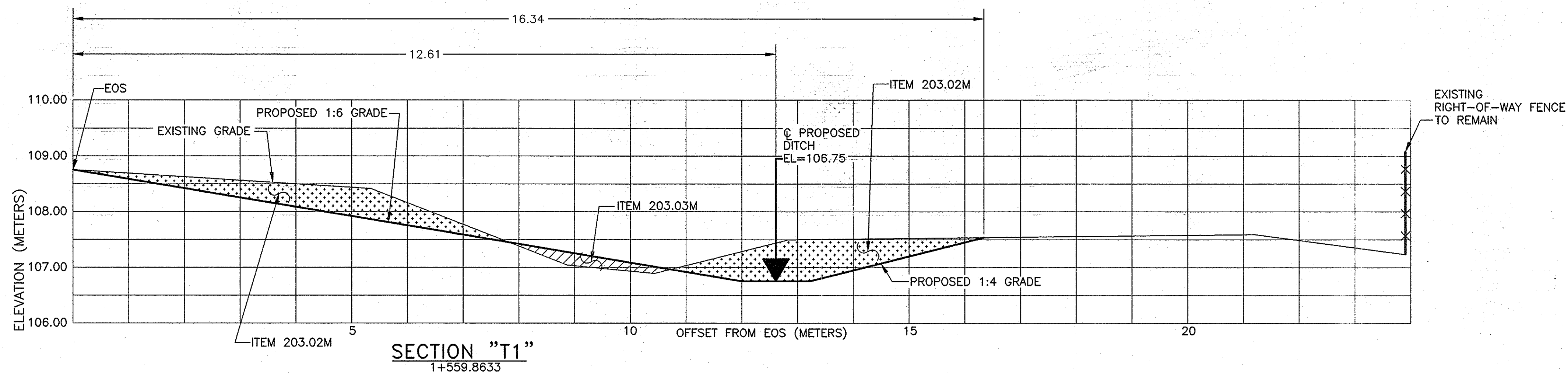
NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 10-30	NO AS BUILT REVISIONS	Sandra J. J...	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 - 240.9			
TITLE OF DRAWING SECTIONS DRAINAGE WORK LOCATION ①			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 7/1/06	
		DRAWING NUMBER: SD-7	

DESIGNED BY: BDK
DRAFTED BY: BDK
CHECKED BY: XXX
IN CHARGE OF DRC



ITEM	DESCRIPTION
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.03M	EMBANKMENT IN PLACE
603.6007M	R.C.P. CLASS III - 750mm DIA.
603.7307M	R.C.P. END SECTION - 750mm DIA.
625.01M	SURVEY & STAKEOUT

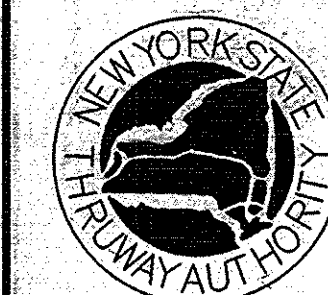


- NOTES:
- 1) SEE DRAWING MT-2 FOR BENCH MARK LOCATIONS.
SEE TABLE ON DRAWING SD-1 FOR EARTHWORK INFORMATION.
SEE DRAWING SD-1 FOR MORE DETAIL.
SEE PLAN SHEET PL-3 FOR STATIONING NOTE.
 - 2) THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
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SECTION "T2"
1+564.70
M.P. 240.12 E.B. RIGHT

NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 10-30	NO AS BUILT REVISIONS	Handwritten	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 - 240.9			
TITLE OF DRAWING SECTIONS DRAINAGE WORK LOCATION (1)			
CONTRACT NUMBER: TAS 06-38		DATE: 7/1/06	
DRAWING NUMBER: SD-8			

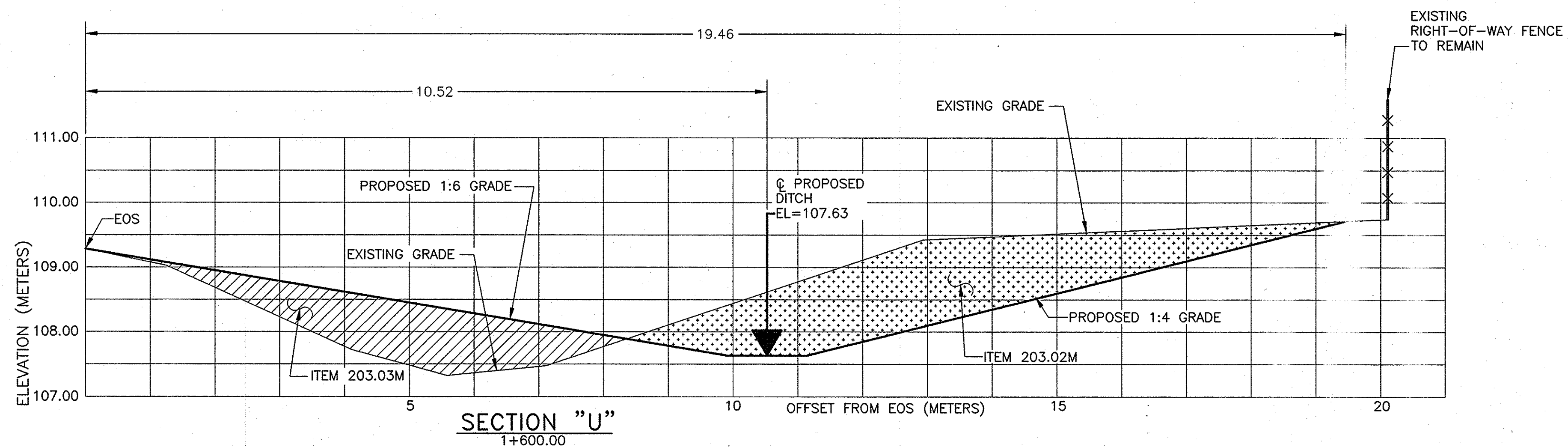
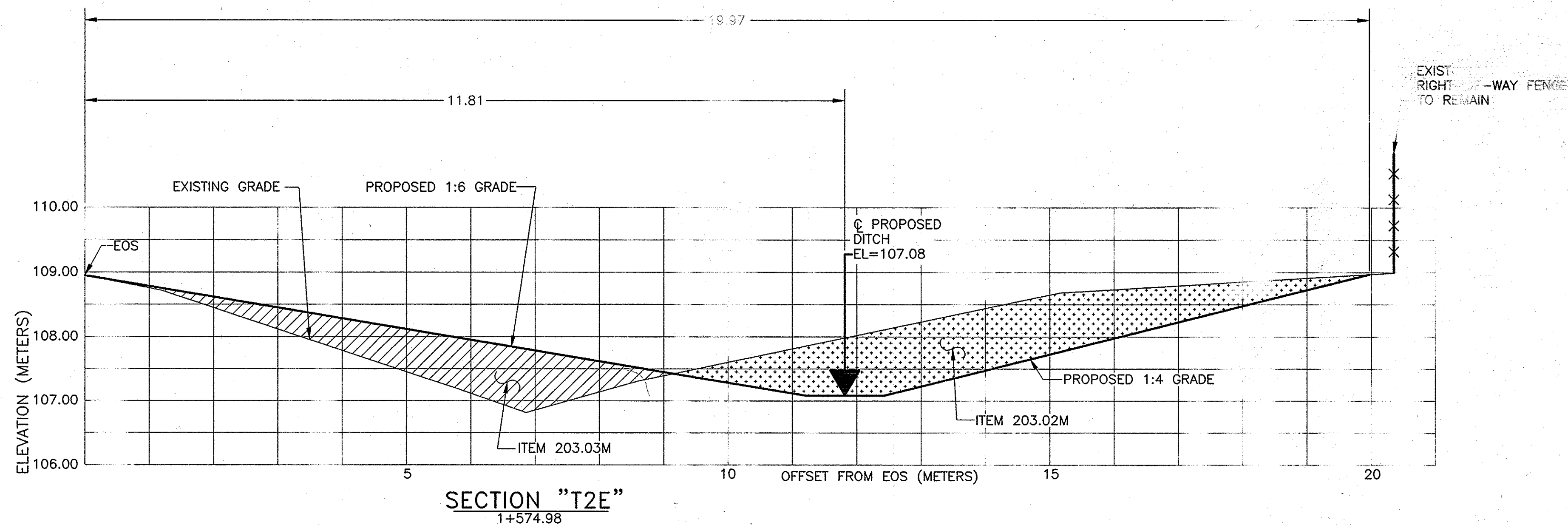


ITEM

203.02M

203.03M

625.01M



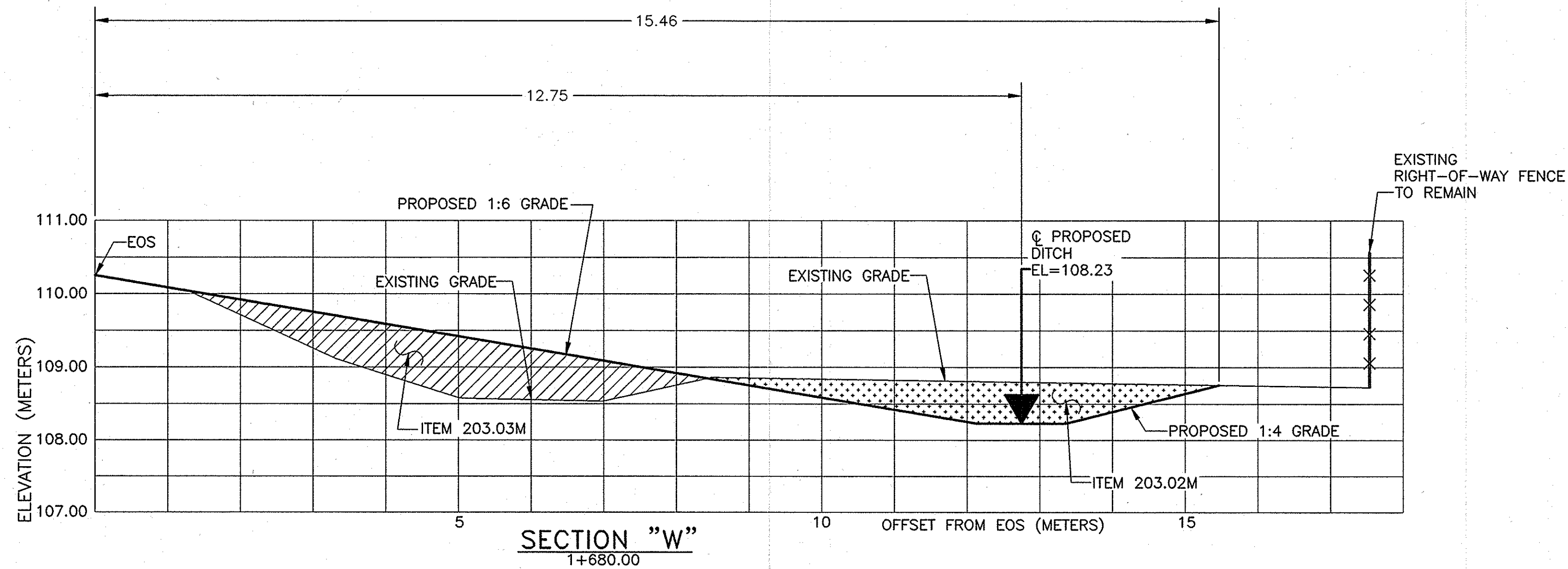
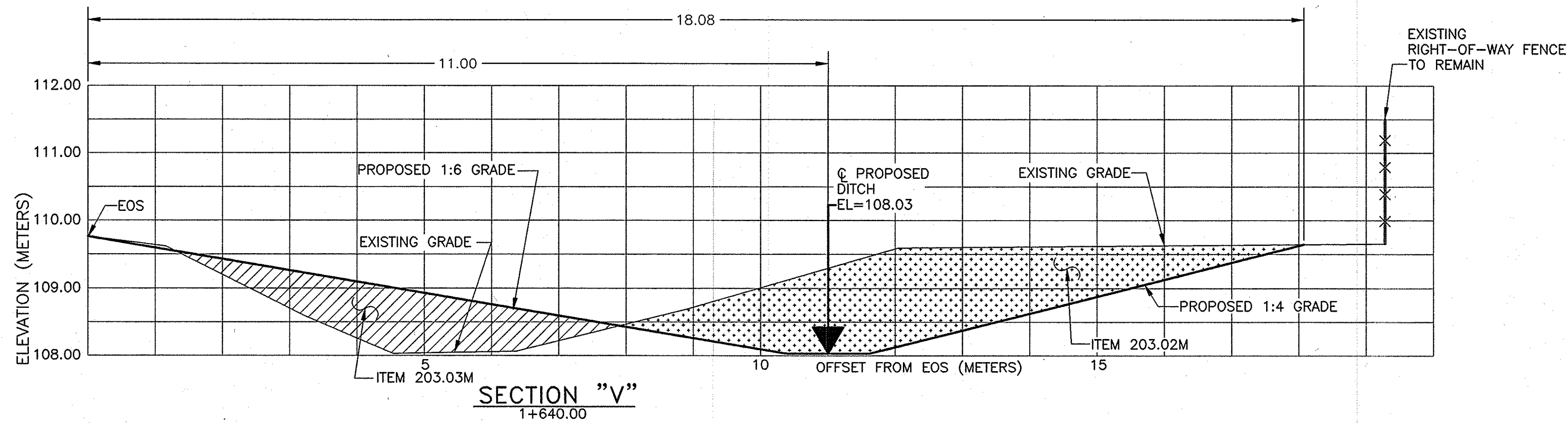
NOTES:

- 1)SEE DRAWING MT-2 FOR BENCH MARK LOCATIONS.
SEE TABLE ON DRAWING SD-1 FOR EARTHWORK INFORMATION.
SEE DRAWING SD-1 FOR MORE DETAIL.
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SHALL BE STAKED OUT AND FIELD VERIFIED UNDER ITEM 625.01M - SURVEY & STAKEOUT.

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2007	NO AS BUILT	10-30	REVISIONS	Sanchez
DATE	DESCRIPTION	BY	SYM.	
REVISIONS				
NEW YORK STATE - RUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD ALBANY, N.Y. 12209				
TITLE OF PROJECT MILL & INLAY, SURVEY IMPROVEMENTS AND MISCELLANEOUS WORK				
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 235.5 - 240.9				
TITLE OF DRAWING SECTIONS DRAINAGE WORK LOCATION (1)				
NEW YORK STATE RUWAY AUTHORITY		CONTRACT NUMBER: TAS 06-38		
		7/1/06		
NEW YORK STATE RUWAY AUTHORITY		PROJECT NUMBER: SD-9		

ITEM	DESCRIPTION
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.03M	EMBANKMENT IN PLACE
625.01M	SURVEY & STAKEOUT



NOTES:

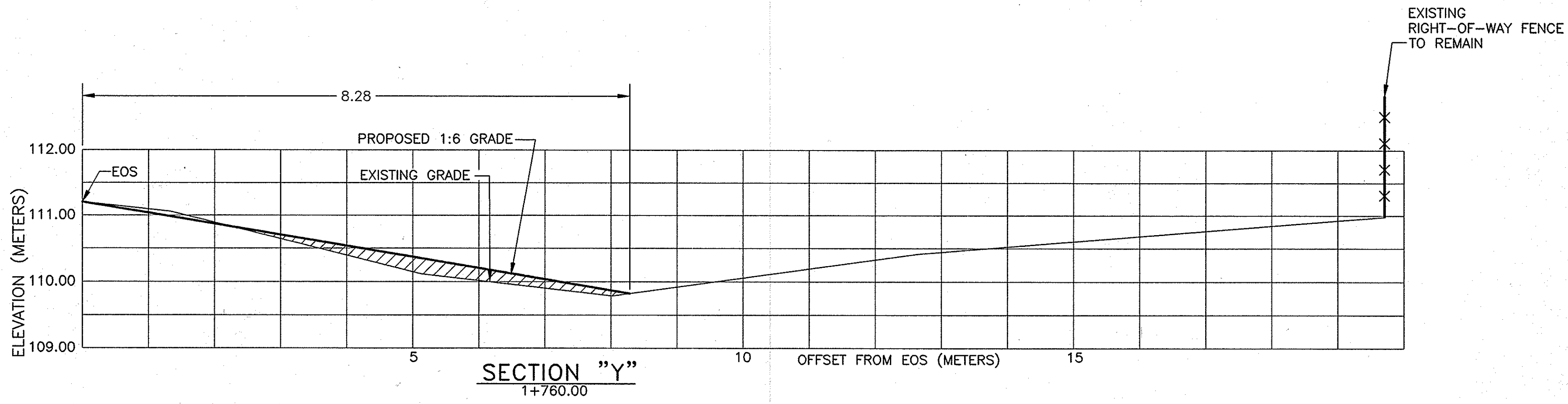
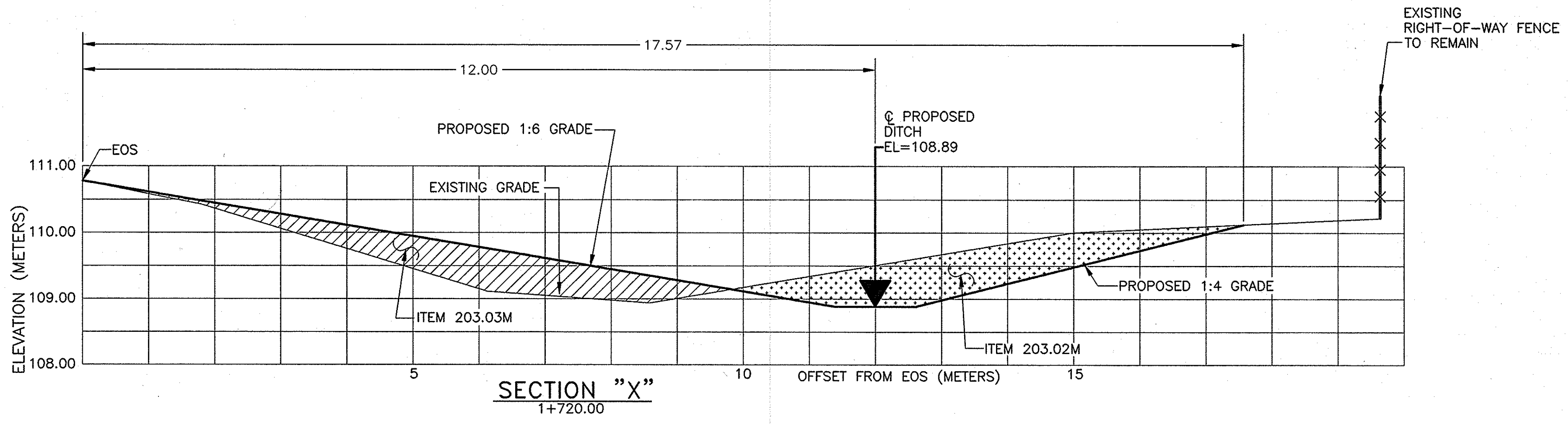
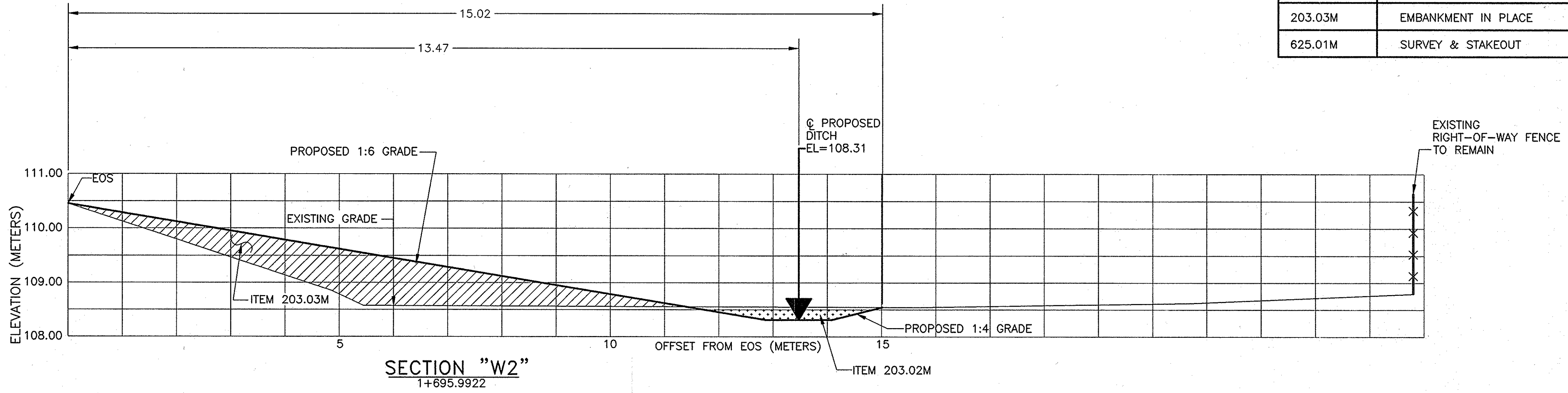
- 1)SEE DRAWING MT-2 FOR BENCH MARK LOCATIONS.
SEE TABLE ON DRAWING SD-1 FOR EARTHWORK INFORMATION.
SEE DRAWING SD-1 FOR MORE DETAIL.
SEE PLAN SHEET PL-3 FOR STATIONING NOTE.
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2007 10:30	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 - 240.9			
TITLE OF DRAWING SECTIONS DRAINAGE WORK LOCATION ①			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	3/13/06
		DRAWING NUMBER:	SD-10

C:\2005\mp 163.3-170.0\MO-1.dwg
CHECKED BY: XXX
DRAFTED BY: BDK
DESIGNED BY: BDK
IN CHARGE OF: DFC

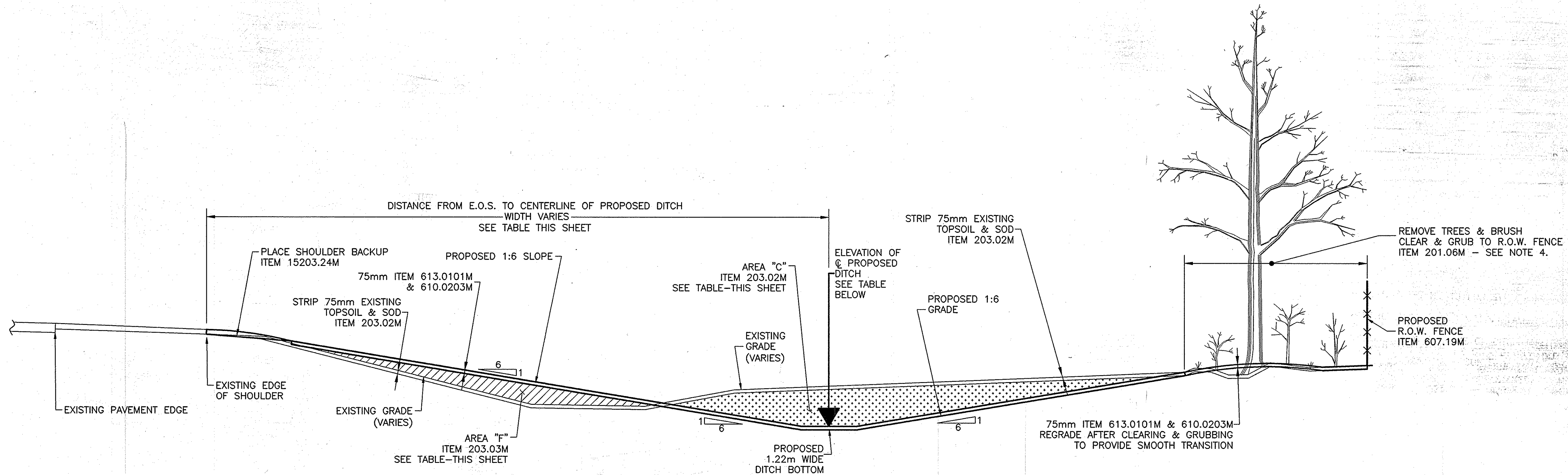
ITEM	DESCRIPTION
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.03M	EMBANKMENT IN PLACE
625.01M	SURVEY & STAKEOUT



- NOTES:
- 1)SEE DRAWING MT-2 FOR BENCH MARK LOCATIONS.
SEE TABLE ON DRAWING SD-1 FOR EARTHWORK INFORMATION.
SEE DRAWING SD-1 FOR MORE DETAIL.
SEE PLAN SHEET PL-3 FOR STATIONING NOTE.
 - 2)THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
 - 3)PROPOSED CENTERLINE OF DITCH AND PROPOSED LIMITS OF EXCAVATION
SHALL BE STAKED OUT AND FIELD VERIFIED UNDER ITEM 625.01M - SURVEY & STAKEOUT.

NOTE:
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2007 10-30	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 - 240.9			
TITLE OF DRAWING SECTIONS DRAINAGE WORK LOCATION ①			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 3/13/06	
		DRAWING NUMBER: SD-11	



**TYPICAL SECTION
SLOPE FLATTENING AND DITCH RE-ESTABLISHING
M.P. 236.80± TO M.P. 236.6±
EASTBOUND RIGHT**

DRAINAGE WORK LOCATION ②

SEE DRAWING PL-19 FOR PLAN VIEW
SEE DRAWINGS SD-13 THROUGH SD-14 FOR INDIVIDUAL SURVEYED SECTIONS
SEE DRAWING MT-2 FOR TEMPORARY BENCH MARK CONTROL SHEETS

ITEM	DESCRIPTION
201.06M	CLEARING AND GRUBBING
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.03M	EMBANKMENT IN PLACE
15203.24M	SHOULDER BACKUP MATERIAL
607.19M	RIGHT-OF-WAY FENCING
610.0203M	ESTABLISHING TURF
613.0101M	TOPSOIL

EARTHWORK TABLE - LOCATION 2

METRIC STATIONING (DWG PL-19)	DISTANCE FROM EDGE OF SHOULDER TO PROPOSED DITCH CENTERLINE	PROPOSED @ OF DITCH ELEVATION	AREA "F" AREA OF EMBANKMENT IN-PLACE (SQUARE METERS)	AREA "C" AREA OF UNCLASSIFIED EXCAVATION & DISPOSAL (SQUARE METERS)	DISTANCE BETWEEN CROSS-SECTIONS (meters)	ESTIMATED VOLUME OF EMBANKMENT IN-PLACE (CUBIC METERS)	ESTIMATED VOLUME OF UNCLASSIFIED EXCAVATION & DISPOSAL (CUBIC METERS)
2+000.00	14.07 meters	98.86m	6.03	1.55	40.90	179.1	133.7
2+040.90	12.55 meters	98.55m	2.73	4.99	29.40	62.6	151.9
2+070.30	10.91 meters	98.33m	1.53	5.34	32.80	43.7	164.5
2+103.10	9.48 meters	98.08m	1.14	4.69	26.00	21.7	129.9
2+129.10	8.32 meters	97.88m	0.53	5.30	37.90	18.4	191.2
2+167.00	6.65 meters	97.59m	0.44	4.79	33.50	12.6	113.9
2+200.50	5.14 meters	97.33m	0.31	2.01			
SUM:						338.1	885.1



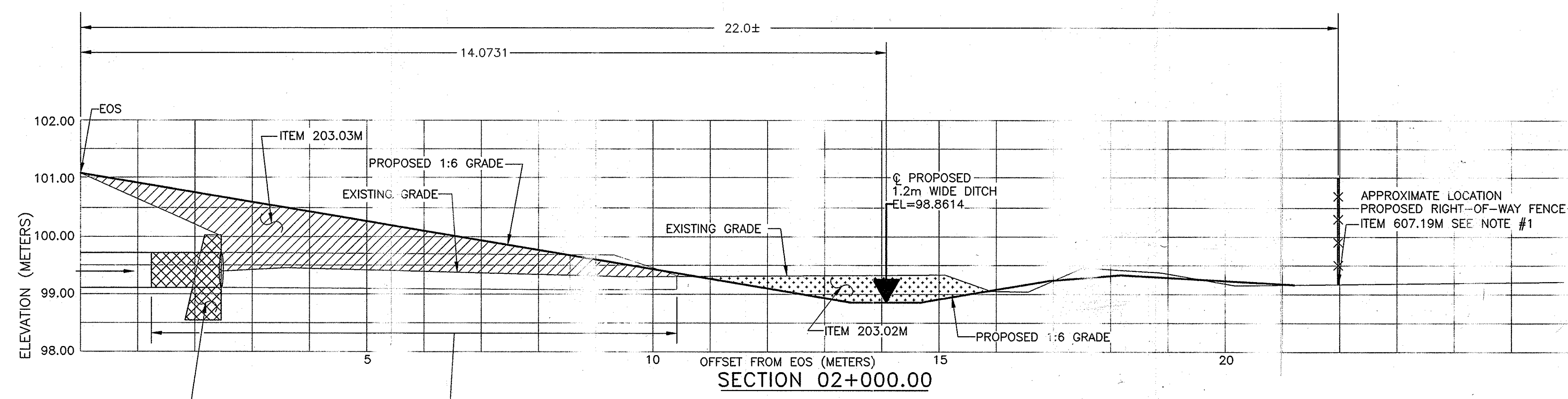
GRADING CONTINUED 45 MORE METERS.

NOTE:

- THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
- DRAINAGE WORK LOCATION ② ELEVATIONS SHOWN ARE FOR THIS SITE ONLY. NO ATTEMPT HAS BEEN MADE TO TIE ELEVATIONS TO ANY PARTICULAR ELEVATION DATUM. TEMPORARY BENCH MARK #4 IS A SQUARE CUT INTO THE CONCRETE TOP OF HEADWALL AT T.B.M. #4 ELEVATION = 100.000m (SEE DWG. PL-19 AND DWG. MT-2)
- RIGHT-OF-WAY FENCING - SEE NOTE 1 ON DRAWING PL-19.
- COMPLETELY CLEAR & GRUB (ALL SUMACS, TREES, BRUSH, SHRUBS) UP TO THE PROPOSED RIGHT-OF-WAY FENCE LINE. ALL STUMPS SHALL BE CHIPPED OUT TO A DEPTH OF 150mm BELOW EXISTING GRADE. PLACE 75mm TOPSOIL & ESTABLISH TURF, ITEMS 613.0101M & 610.0203M. SEE DRAWING PL-19 FOR AREA.
- STATIONING NOTE: THRUWAY HEADQUARTERS HAS PROVIDED SURVEY FOR CROSS SECTIONS THROUGH WORK LOCATION #2. METRIC STATIONING SHOWN ON PLAN SHEET PL-19 IS TO BE USED FOR WORK LOCATION #2 ONLY. NO ATTEMPT HAS BEEN MADE TO TIE THIS STATIONING TO THE ORIGINAL BASELINE STATIONING OR ANY OTHER WORK LOCATION. METRIC STATIONING RUNS ALONG THE EASTBOUND RIGHT (SOUTHERLY) EDGE OF SHOULDER AND INCREASES AS ONE TRAVELS EASTERLY. STATION 2+000.00 HAS BEEN ARBITRARILY CHOSEN DIRECTLY ADJACENT TO THE MEDIAN DROP INLET AT MILEPOST 236.79±.

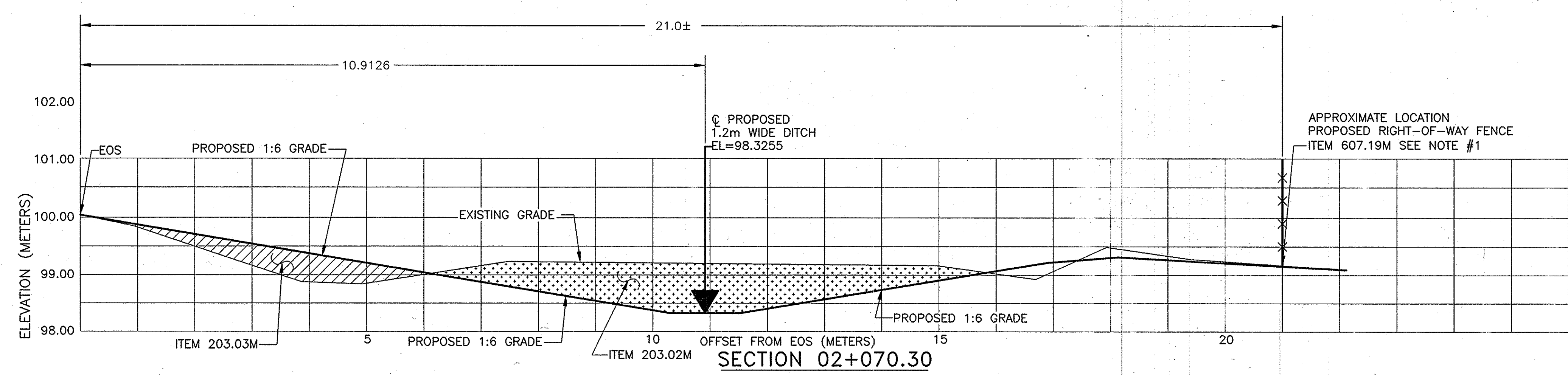
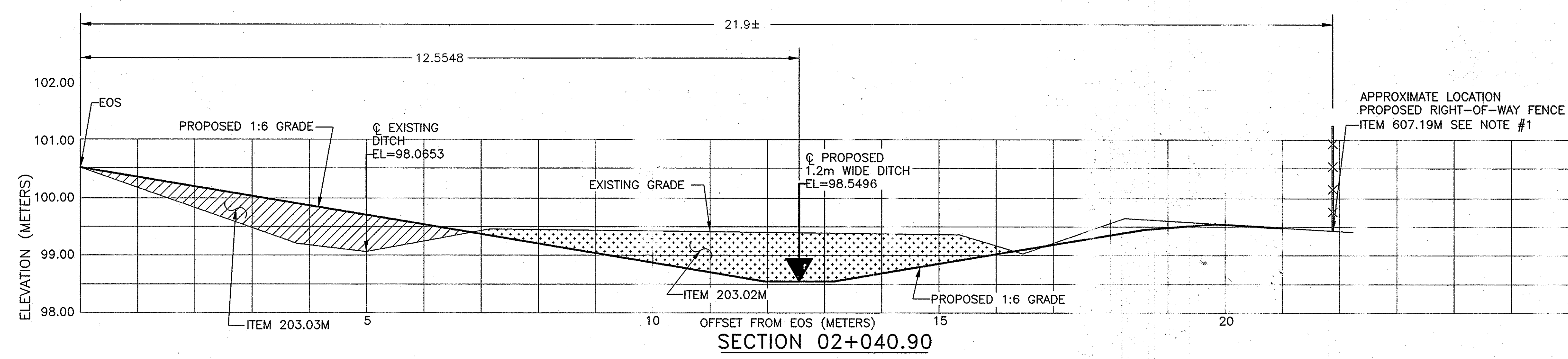
2007 10/30	ADDED NOTE T.A. CHART	Santhana	△
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT ALBANY DIVISION MILEPOST 163.3-170.0			
TITLE OF DRAWING SPECIAL DRAINAGE DETAILS GRADING WORK LOCATION ②			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 9/5/06	
		DRAWING NUMBER: SD-12	

C:\2005\mp 163.3-170.0\MD-1.dwg
CHECKED BY: XXX
DRAFTED BY: BDK
DESIGNED BY: BDK
IN CHARGE OF: DRC



REMOVE
EXISTING (BURIED) HEADWALL
& REMOVE 1.22m OF EXISTING PIPE
SEE DETAIL ON DWG. DD-1

PROPOSED 7.32 METERS OF
610mm R.C.P. - ITEM 603.6005M
& RCP END SECTION - ITEM 603.7305M



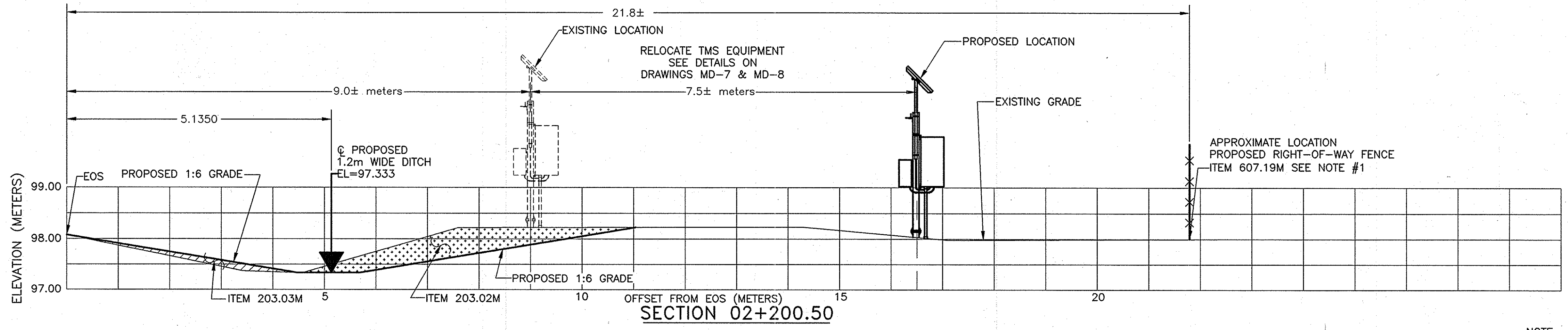
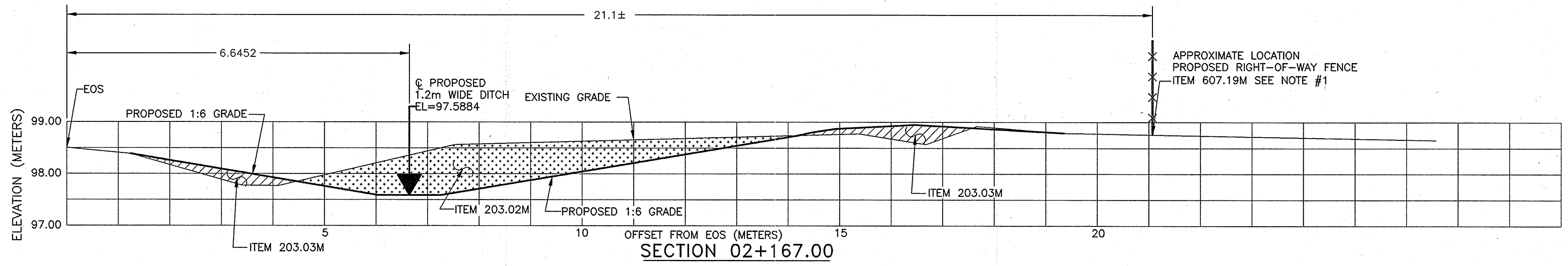
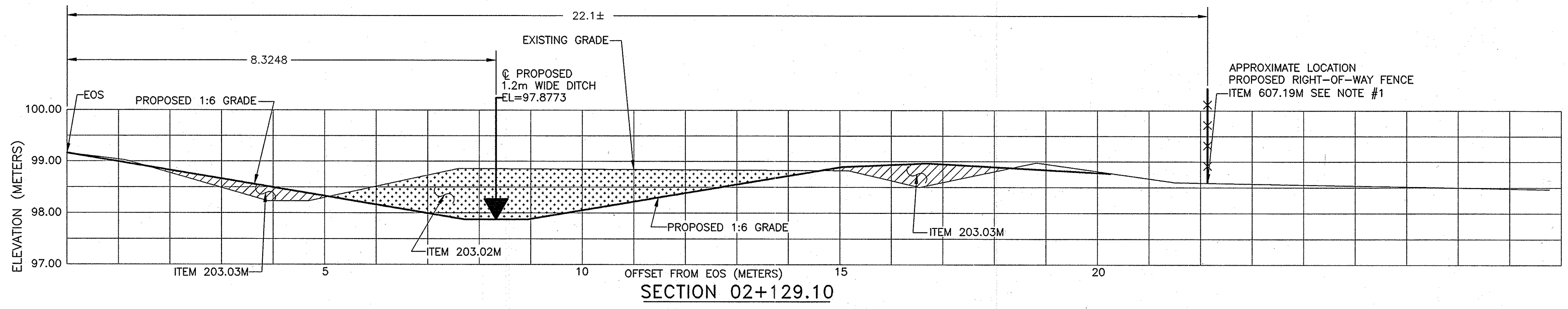
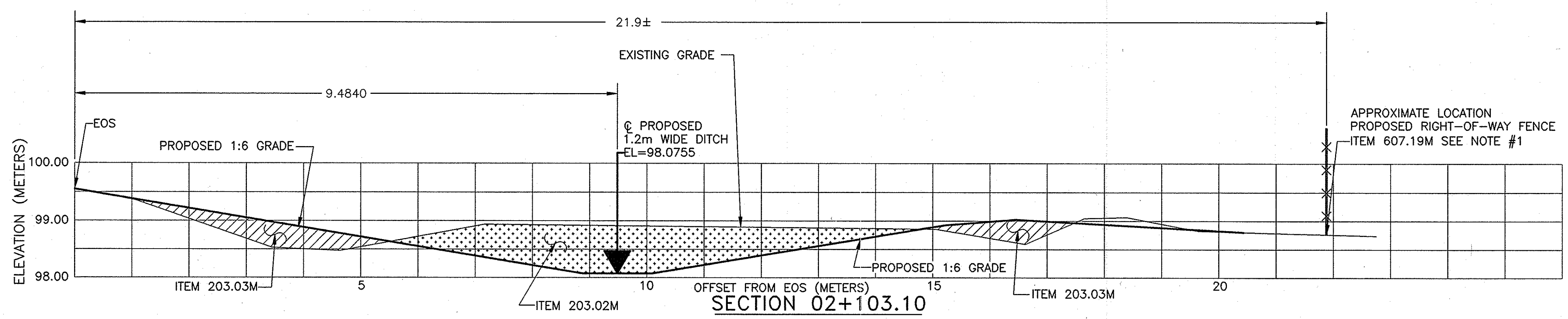
ITEM	DESCR
203.02M	UNCLASSIFIED EXCAVATION DISPOSAL
203.03M	EMBANKMENT IN-PLACE
603.6005M	REINF. CONC. PIPE CLASS 300mm DIA
603.7305M	RCP END SECTION 300mm DIA
607.19M	RIGHT-OF-WAY FENCE
625.01M	SURVEY & STAKEOUT

- NOTES:
- 1) SEE DRAWING PL-19 FOR BENCHMARK LOCATION
SEE TABLE ON DRAWING SD-12 FOR EARTHWORK INFORMATION.
SEE DRAWING SD-12 FOR R.O.W. FENCE NOTE & MORE DETAIL.
SEE PLAN SHEET PL-19 FOR STATIONING NOTE.
 - 2) THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREA.
 - 3) PROPOSED CENTERLINE OF DITCH AND PROPOSED LIMITS
OF EXCAVATION SHALL BE STAKED OUT AND FIELD VERIFIED
UNDER ITEM 625.01M - SURVEY & STAKEOUT

2007 10-30	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 253.5 - 240.9			
TITLE OF DRAWING SECTIONS DRAINAGE WORK LOCATION ②			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	3/14/06
		DRAWING NUMBER:	SD-13

NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS
UNLESS OTHERWISE NOTED ALL ELEVATIONS
ARE SHOWN IN METERS.

IN CHARGE OF: DRC
DESIGNED BY: BDK
DRAFTED BY: BDK
CHECKED BY: XXX
G:\2005\mp 163.3-170.0\MD-1.dwg



ITEM	DESCRIPTION
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.03M	EMBANKMENT IN PLACE
607.19M	RIGHT-OF-WAY FENCING
625.01M	SURVEY & STAKEOUT

- NOTES:
- 1) SEE DRAWING PL-19 FOR BASE LINE AND BENCH MARK LOCATION. SEE TABLE ON DRAWING SD-12 FOR EARTHWORK INFORMATION. SEE DRAWING SD-12 FOR R.O.W. FENCE NOTE & MORE DETAIL. SEE PLAN SHEET PL-19 FOR STATIONING NOTE.
 - 2) THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
 - 3) PROPOSED CENTERLINE OF DITCH AND PROPOSED LIMITS OF EXCAVATION SHALL BE STAKED OUT AND FIELD VERIFIED UNDER ITEM 625.01M - SURVEY & STAKEOUT.

2007 10-30	NO AS BUILT REVISIONS	Sandha Seno	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 - 240.9			
TITLE OF DRAWING SECTIONS DRAINAGE WORK LOCATION ②			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 4/12/06	
		DRAWING NUMBER: SD-14	

NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

- NOTES: 1. THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
2. STATIONING NOTE: THRUWAY HAS PROVIDED SURVEY FOR WORK LOCATION #4. METRIC STATIONING ON THIS DRAWING IS TO BE USED FOR WORK LOCATION #4 ONLY. NO ATTEMPT HAS BEEN MADE TO TIE THIS STATIONING TO THE ORIGINAL BASELINE STATIONING OR ANY OTHER WORK LOCATION. METRIC STATIONING RUNS ALONG THE WESTBOUND RIGHT (NORTHERLY) EDGE OF SHOULDER AND INCREASES AS ONE TRAVELS WESTERLY. STATION 4+015.10 HAS BEEN ARBITRARILY CHOSEN DIRECTLY ADJACENT TO THE MEDIAN DROP INLET AT MILEPOST 240.30±. SEE DRAWINGS SD-16 & SD-17 FOR INDIVIDUAL SECTIONS.
3. DRAINAGE WORK LOCATION 4 ELEVATIONS SHOWN ARE FOR THIS SITE ONLY. SEE DRAWING MT-2 FOR BENCH MARK INFORMATION. APPROXIMATE AREA OF WORK LOCATION #4 = 925 SQUARE METERS.
4. THE CONTRACTOR SHALL USE PIPE INSTALLATION METHOD A-1 AS SHOWN ON NYSDOT STANDARD SHEET M203-4R1.
5. REGRADE AS SHOWN ON DRAWINGS SD-15 & SD-16. PLACE 75mm TOPSOIL & ESTABLISH TURF, ITEMS 613.0101M & 610.0203M. APPROX. AREA = 850 SQUARE METERS. CLEAR AND GRUB AS NECESSARY TO INSTALL PIPES.
6. IF THERE IS AN EXISTING HEADWALL, REQUIRED EXCAVATION FOR REMOVAL OF HEADWALL AND ONE SECTION OF PIPE SHALL BE INCLUDED UNDER ITEM 25603.9701M. IF THERE IS AN EXISTING CONCRETE COLLAR AND NO HEADWALL, REMOVAL OF CONCRETE COLLAR SHALL BE PAID FOR UNDER ITEM 25603.9701M. SEE SECTION A-A ON DRAWING DD-1.

- ITEM LIST:
- ITEM 201.06M - CLEARING & GRUBBING
 - ITEM 203.18M - CLEANING CLOSED DRAINAGE SYSTEMS
 - ITEM 203.19M - CLEANING DRAINAGE STRUCTURES AND MANHOLES
 - ITEM 206.02M - TRENCH & CULVERT EXCAVATION
 - ITEM 603.6003M - REINFORCED CONCRETE PIPE CLASS III, 450mm DIA.
 - ITEM 603.6005M - REINFORCED CONCRETE PIPE CLASS III, 600mm DIA.
 - ITEM 603.7303M - REINFORCED CONCRETE PIPE END SECTION, 450mm DIA.
 - ITEM 603.7305M - REINFORCED CONCRETE PIPE END SECTION, 600mm DIA.
 - ITEM 25603.9701M - REMOVAL OF EXISTING DRAINAGE STRUCTURE
 - ITEM 25604.0625M - CONNECTION TO EXISTING DRAINAGE SYSTEM
 - ITEM 604.4060M - ROUND PRECAST CONCRETE MANHOLE TYPE 60
 - ITEM 610.0203M - ESTABLISH TURF
 - ITEM 613.0101M - TOPSOIL
 - ITEM 655.0201M - FRAMES AND GRATES (FABRICATED)

REMOVE 16.76 METERS OF EXISTING CONCRETE PIPE-ITEM 206.02M
PLACE 12.19m ITEM 603.6003M AT 1.0% - (SEE NOTE 4)
AND TWO REINF. CONC. PIPE END SECTIONS-ITEM 603.7303M
NOTE CONFLICT WITH EXISTING ADESTA FIBER OPTIC CONDUIT
SEE NOTE IN CONTRACT PROPOSAL

CLEAR & GRUB
AS NECESSARY
TO INSTALL PIPE
ITEM 201.06M

EXISTING INVERT OUT ELEV. = 101.837
PROPOSED INVERT OUT ELEV. = 101.80

EXISTING INVERT ELEV. = 102.061
PROPOSED INVERT ELEV. = 101.94

EXISTING R.O.W. MONUMENT
TO REMAIN UNDISTURBED

EXISTING R.O.W. FENCE
TO BE REMOVED

REMOVE EXISTING METAL PIPE END SECTION.
REMOVE 1.85 METERS OF EXISTING CORR. METAL PIPE &
REMOVE 1.22 METERS OF EXISTING CONCRETE PIPE.
PLACE PRECAST ROUND MANHOLE - ITEM 604.4060M &
ITEMS 603.6005M & 603.7305M. SEE NOTE 6.

36.57
39.0 METERS REINF. CONCRETE PIPE 600mm DIA.
ITEM 603.6005M AT 0.5% - EXCAVATE UNDER 206.02M
SEE NOTE 4

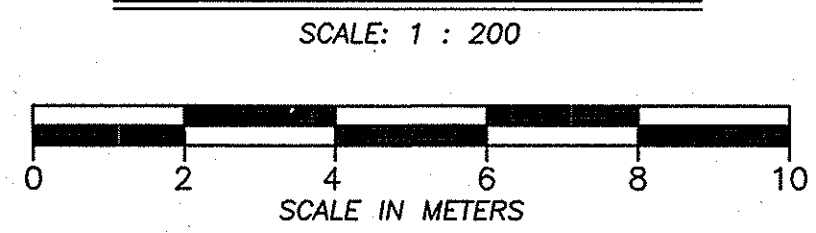
PROPOSED
INVERT
ELEV:102.00

PROPOSED
INVERT
ELEV:103.26

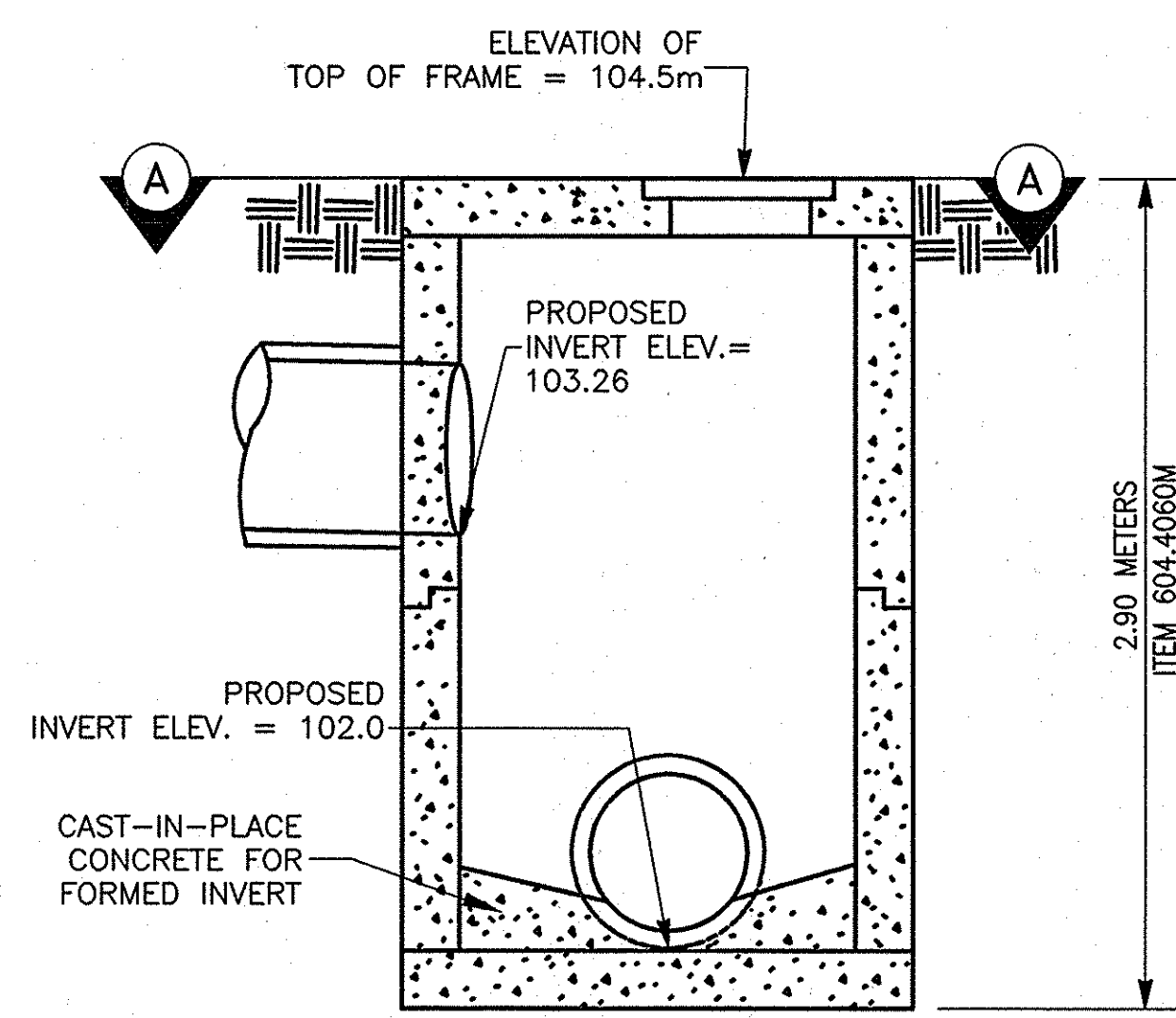
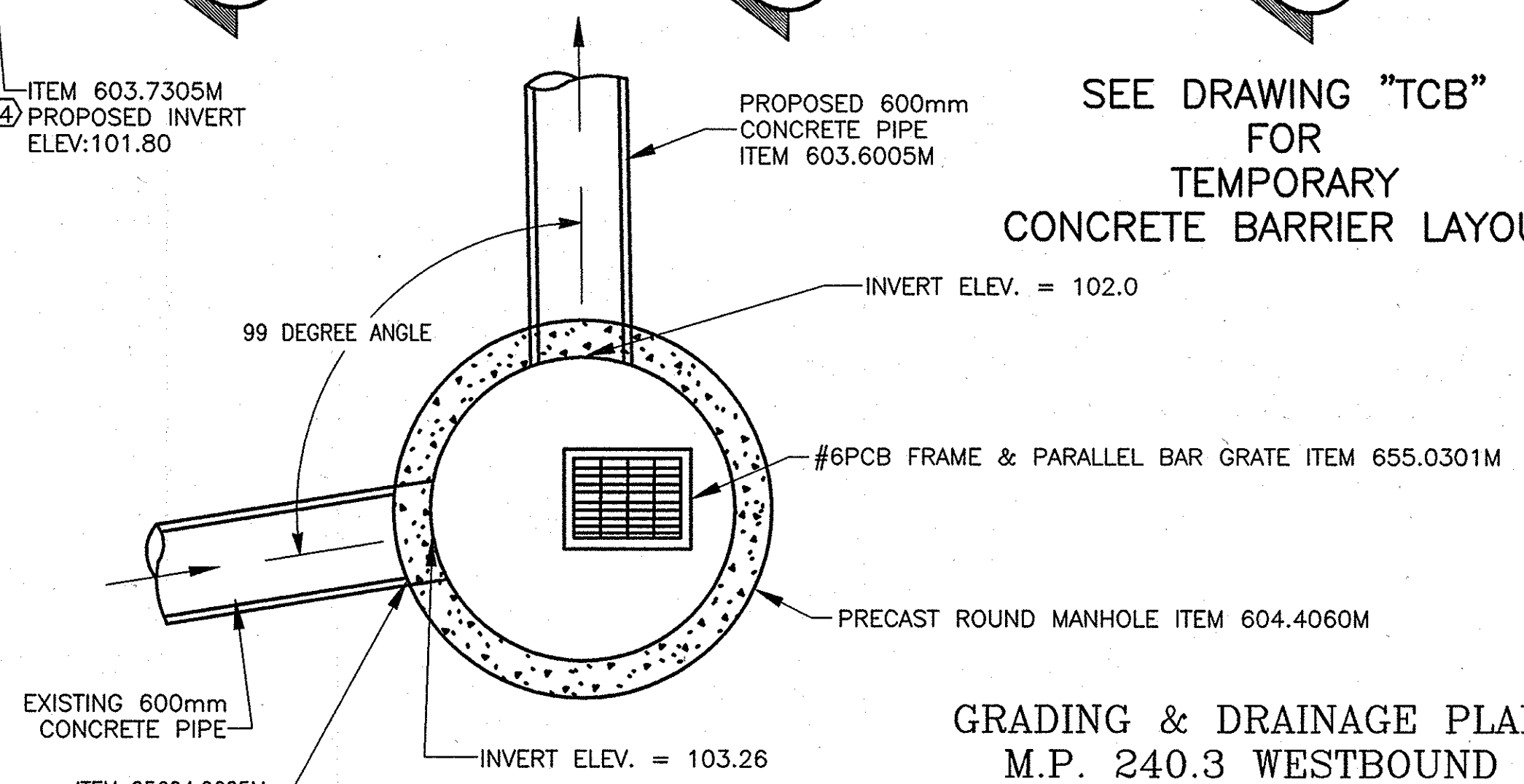
NOTE: ALL DIMENSIONS
ARE SHOWN
IN MILLIMETERS UNLESS
OTHERWISE NOTED. ALL
ELEVATIONS ARE SHOWN
IN METERS.

SEE DRAWING "TCB"
FOR
TEMPORARY
CONCRETE BARRIER LAYOUT

GRADING & DRAINAGE PLAN
M.P. 240.3 WESTBOUND
WORK LOCATION ④



DETAIL A-A
N.T.S.



PRECAST ROUND MANHOLE
ITEM 604.4060M
N.T.S.

201 10-20	REVISED PIPE LENGTH	Sanchez	1
201 11-30	ADDED NEW SILT FENCE LOCATION	Sanchez	2
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING SPECIAL DRAINAGE DETAILS AND GRADING PLAN WORK LOCATION ④			
CONTRACT NUMBER: TAS 06-38		DATE: 9/14/06	
DRAWING NUMBER: SD-15			



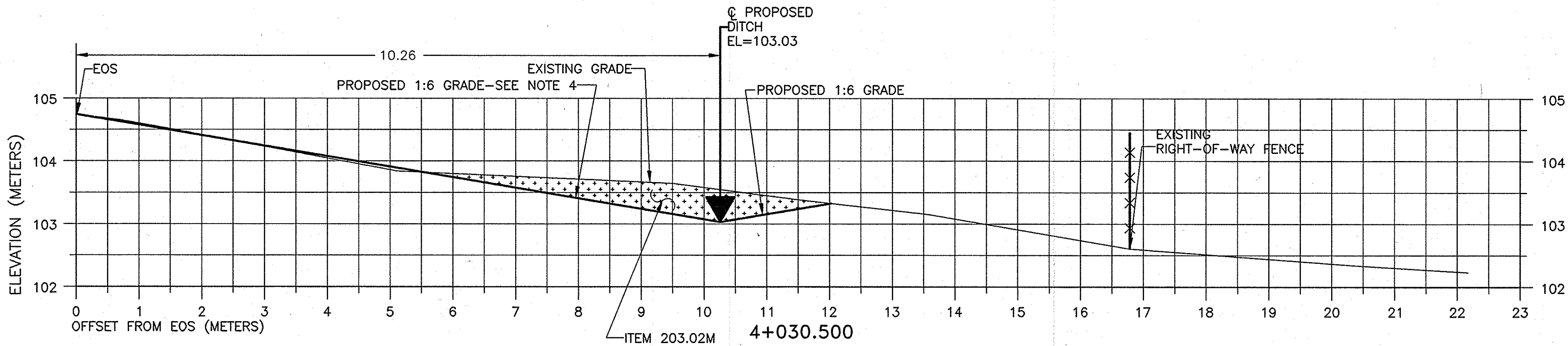
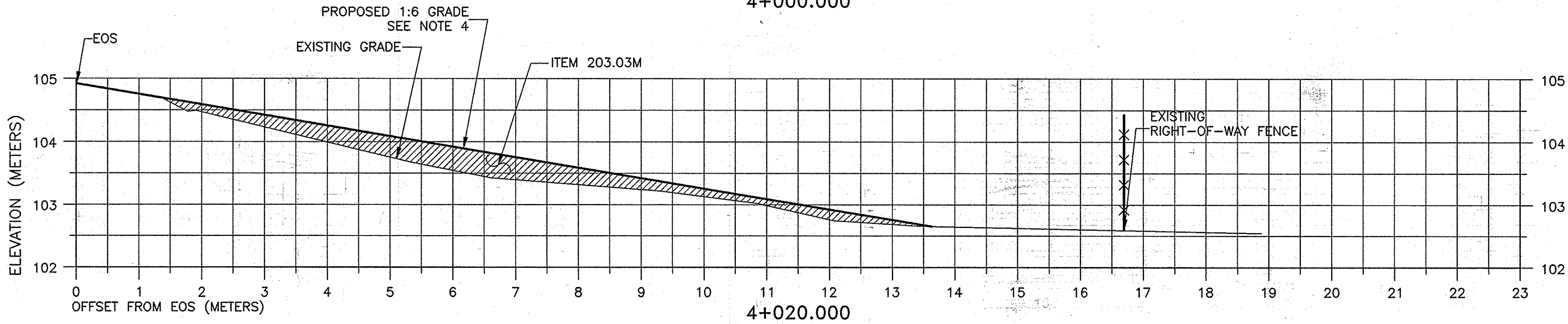
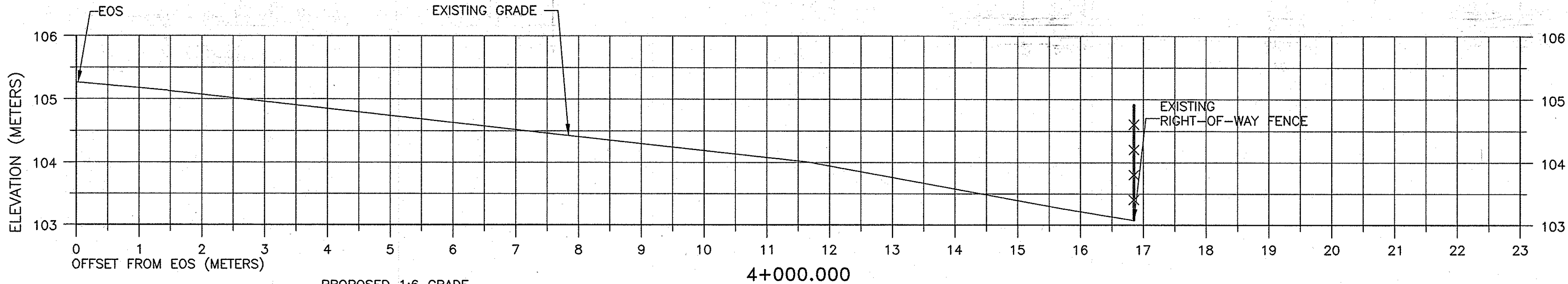
IN CHARGE OF: A. MASTROIANI
DESIGNED BY: B. KOSLOSKIE
DRAFTED BY: B. KOSLOSKIE
CHECKED BY: JA
FY 2006 06XX 41-SD-15.dwg

EARTHWORK TABLE - LOCATION 4

METRIC STATIONING (DWG SD-15)	DISTANCE FROM EDGE OF SHOULDER TO PROPOSED DITCH CENTERLINE	PROPOSED C OF DITCH ELEVATION	AREA OF EMBANKMENT IN-PLACE (SQUARE METERS)	AREA OF UNCLASSIFIED EXCAVATION & DISPOSAL (SQUARE METERS)	DISTANCE BETWEEN CROSS-SECTIONS (meters)	ESTIMATED VOLUME OF EMBANKMENT IN-PLACE (CUBIC METERS)	ESTIMATED VOLUME OF UNCLASSIFIED EXCAVATION & DISPOSAL (CUBIC METERS)
4+000.0			0.00	0.00	20.00	25.7	0.0
4+020.0			2.57	0.00	10.50	13.5	9.4
4+030.5	10.26 meters	103.03m	0.00	1.79	9.50	0.00	56.0
4+040.0	10.26 meters	102.87m	0.00	10.00	10.00	0.00	95.1
4+050.0	10.26 meters	102.72m	0.00	9.02	7.00	0.00	31.6
4+057.00			0.00	0.00			
SUM:						39.2	192.1

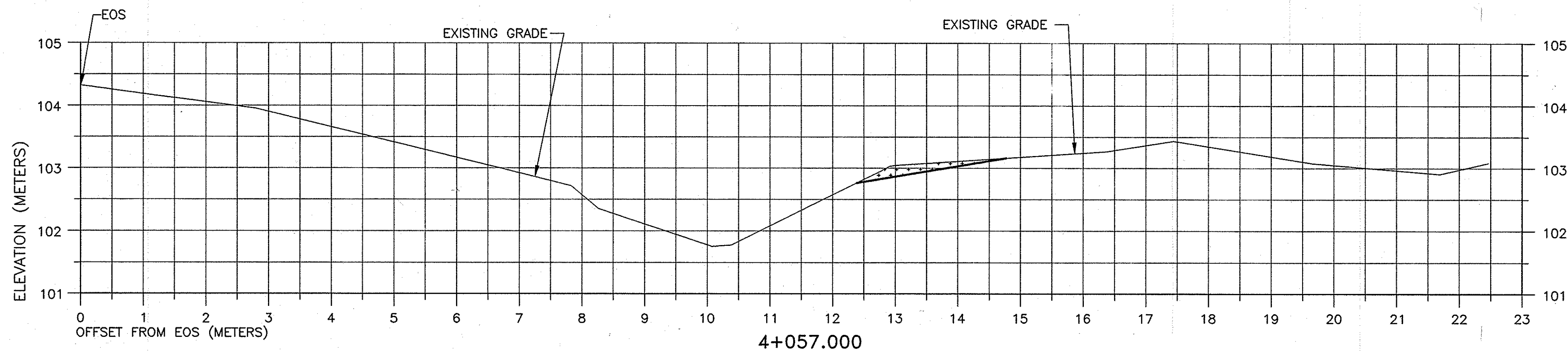
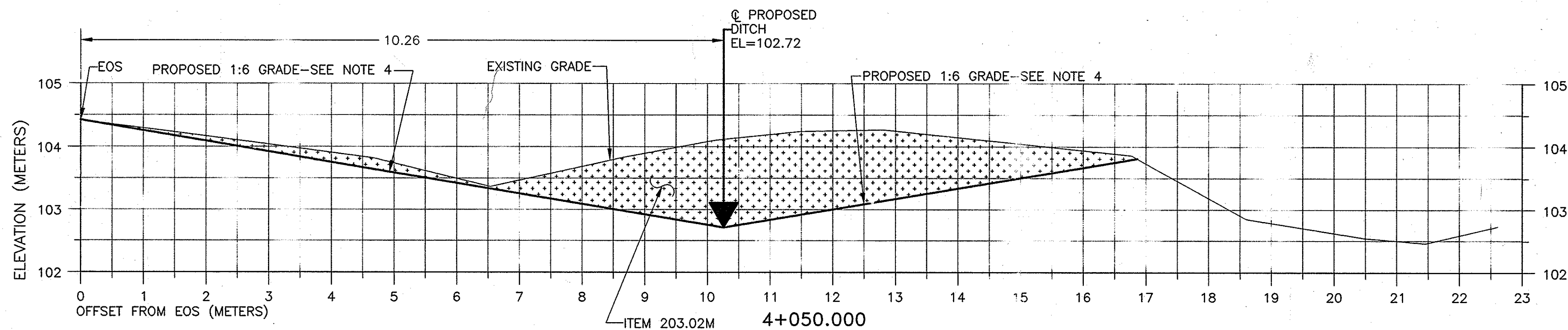
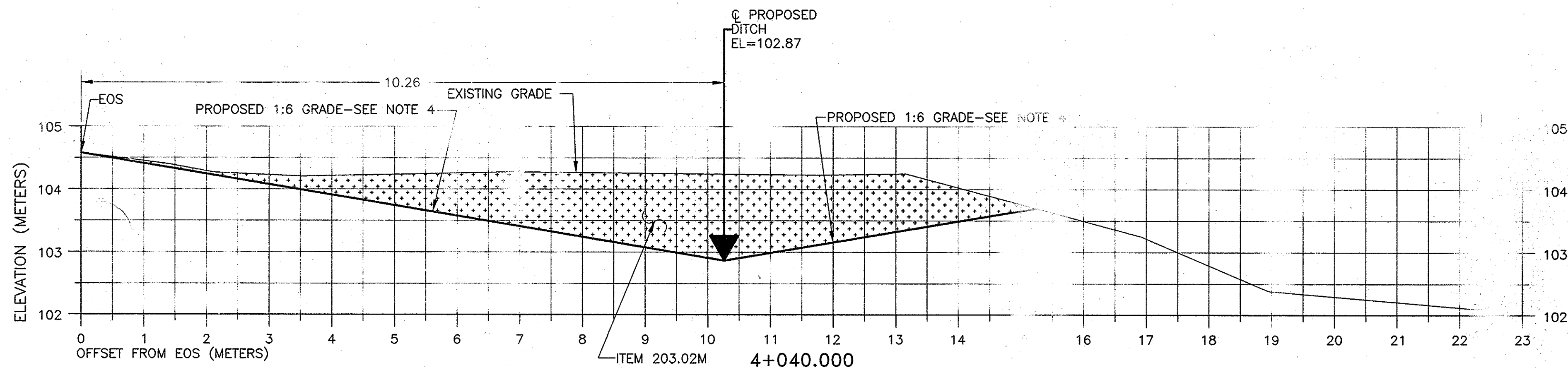
ITEM	DESCRIPTION
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.03M	EMBANKMENT IN PLACE
610.0203M	ESTABLISHING TURF
613.0101M	TOPSOIL
625.01M	SURVEY & STAKEOUT

- NOTES:
- 1) SEE DRAWING SD-15 FOR BASE LINE AND BENCH MARK LOCATION. SEE TABLE (THIS SHEET) FOR EARTHWORK INFORMATION. SEE DRAWING SD-15 FOR PLAN VIEW & STATIONING NOTE.
- 2) THERE SHALL BE NO MILLINGS ALLOWED IN SLOPE FLATTENING AREAS.
- 3) PROPOSED CENTERLINE OF DITCH AND PROPOSED LIMITS OF EXCAVATION SHALL BE STAKED OUT AND FIELD VERIFIED UNDER ITEM 625.01M - SURVEY & STAKEOUT.
- 4) PLACE 75mm TOPSOIL & ESTABLISH TURF, ITEMS 613.0101M & 610.0203M.



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2001 10-30	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 TO 240.9			
TITLE OF DRAWING SECTIONS GRADING & DRAINAGE WORK LOCATION 4			
CONTRACT NUMBER: TAS 06-38		DATE: 3/13/06	
DRAWING NUMBER: SD-16			



M	D
2M	UND
1M	EM
0.03M	
0.01M	
0.01M	

SEE DRAWING SD-
TABLE ON DRAWING
SEE DRAWING SD-15

THERE SHALL BE

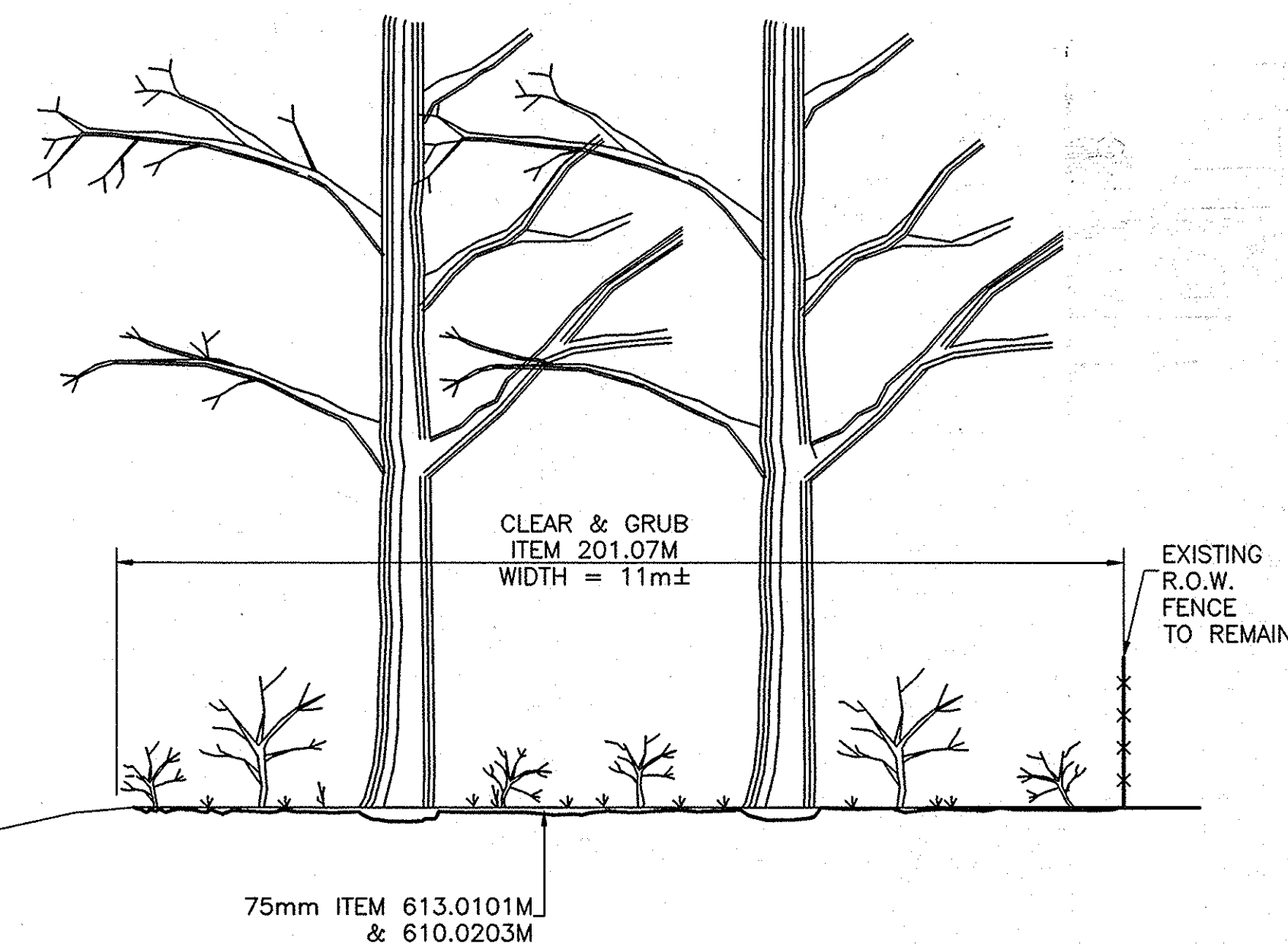
PROPOSED CENTE
EXCAVATION SHALL
UNDER ITEM 625.01M

PLACE 75mm TOP

2007 10:30 NO AS BUILT REVISIONS		Lanchini	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MILEPOST 233.5 TO 240.9			
TITLE OF DRAWING SECTIONS GRADING & DRAINAGE WORK LOCATION 4			
CONTRACT NUMBER: TAS 06-38		DATE: 3/13/06	
DRAWING NUMBER: SD-17			

NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS
UNLESS OTHERWISE NOTED
ARE SHOWN IN METERS.

ITEM	DESCRIPTION
201.07M	CLEARING AND GRUBBING
203.02M	UNCLASSIFIED EXCAVATION & DISPOSAL
203.03M	EMBANKMENT IN PLACE
610.0203M	ESTABLISHING TURF
613.0101M	TOPSOIL
614.03XXM	TREE REMOVAL



CLEARING & GRUBBING
M.P. 240.67 - 240.55 EASTBOUND RIGHT
SCALE: N.T.S.

NOTES:

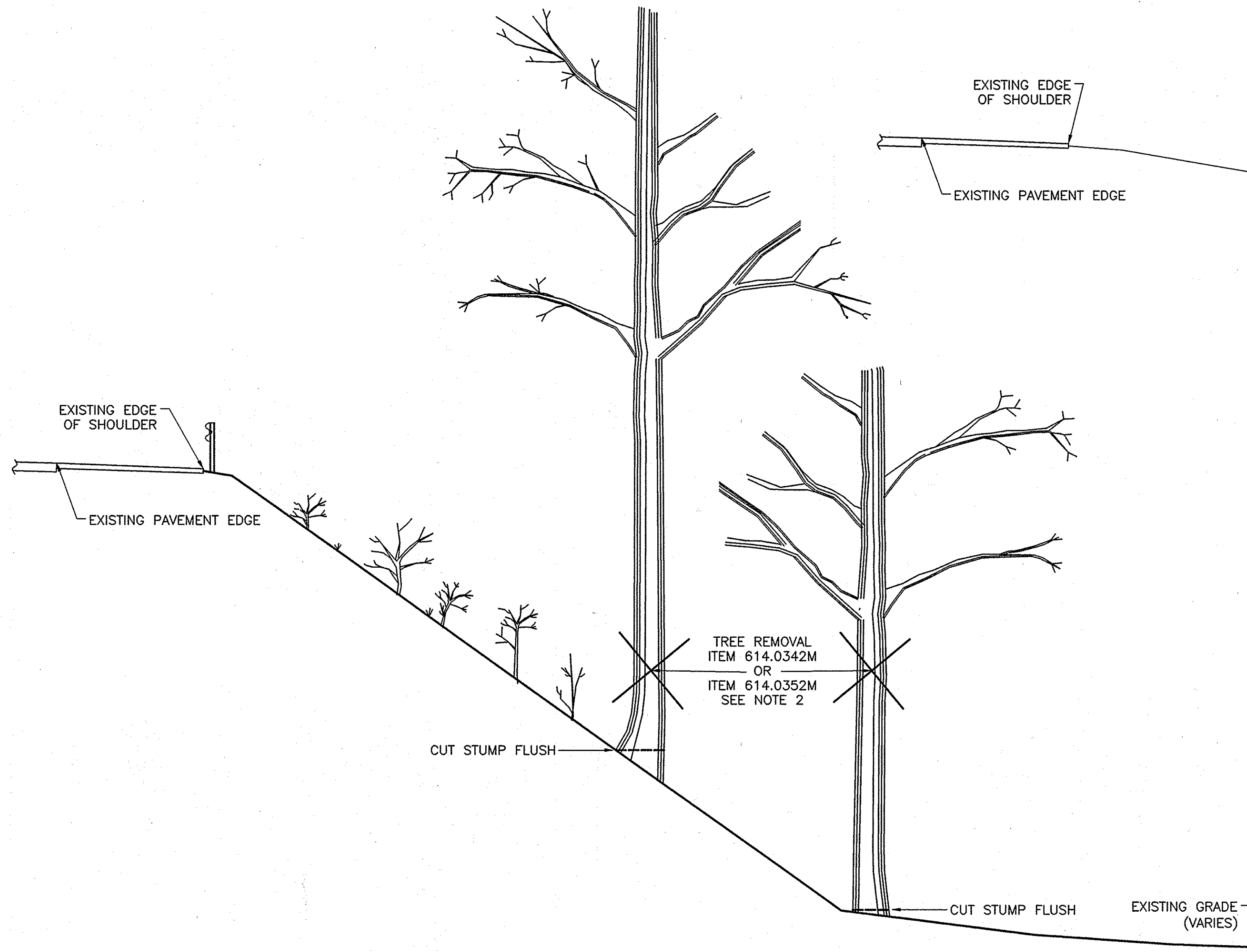
1. WORK LOCATION (3) - SEE PLAN SHEETS PL-2 AND PL-3

COMPLETELY CLEAR AND GRUB UP TO EXISTING RIGHT OF WAY FENCE. ALL STUMPS SHALL BE CHIPPED OUT TO A DEPTH OF 150mm. PLACE 75mm TOPSOIL AND ESTABLISH TURF, ITEMS 613.0101M & 610.0203M.

2. WORK LOCATION (5) - SEE PLAN SHEET PL-18

EAST OF MILE MARKER 237.0 (EASTBOUND-RIGHT)
COMPLETELY CLEAR AND GRUB UP TO EXISTING RIGHT OF WAY FENCE. ALL STUMPS SHALL BE CHIPPED OUT TO A DEPTH OF 150mm. PLACE 75mm TOPSOIL AND ESTABLISH TURF, ITEMS 613.0101M & 610.0203M.

WEST OF MILE MARKER 237.0 (EASTBOUND-RIGHT)
REMOVE SELECTED TREES AND CUT STUMPS FLUSH TO THE GROUND. DO NOT GRUB.



SELECTIVE TREE REMOVAL
M.P. 237.10 - 237.00 EASTBOUND RIGHT
SCALE: N.T.S.

2007 10-30	NO AS BUILT REVISIONS	Jamcha Saini	
DATE	DESCRIPTION	BY	SYM.

REVISIONS

NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING SERVICES
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT
MILL & INLAY, 1R SAFETY IMPROVEMENTS AND
MISCELLANEOUS WORK

LOCATION OF PROJECT
SYRACUSE DIVISION
M.P. 233.5 TO M.P. 240.9

TITLE OF DRAWING

MISCELLANEOUS DETAILS
CLEARING & GRUBBING



CONTRACT NUMBER:

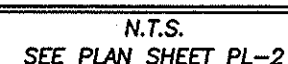
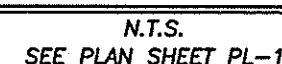
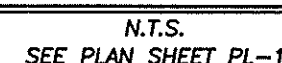
TAS 06-38


DATE:

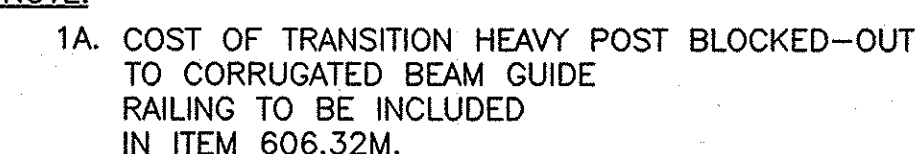
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DRAWING NUMBER:

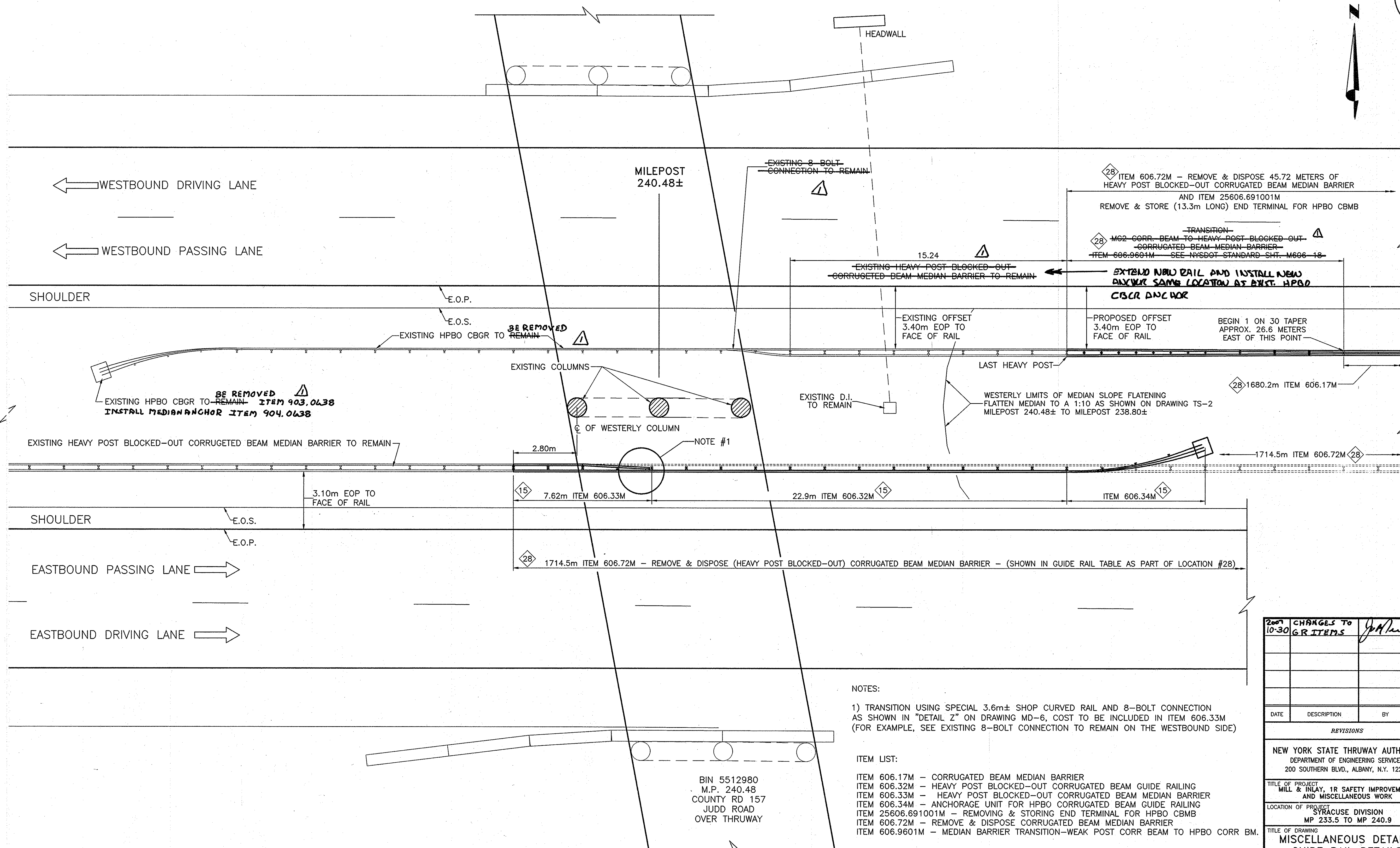
MD-1



- | | |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <p align="center">MISCELLANEOUS DETAILS</p> <p align="center">GUIDE RAIL DETAILS</p> | |
|  | <p>CONTRACT NUMBER:</p> <p align="center">TAS 06-38</p> |
| | <p>DATE:</p> <p align="center">9/11/06</p> |
| | <p>DRAWING NUMBER:</p> <p align="center">MD-2</p> |



N.T.S



PLAN LAYOUT FOR MEDIAN RAIL
JUDD ROAD OVER THE THRUWAY
M.P. 240.48
(SEE PLAN DRAWING PL-3)
NOT TO SCALE

NOTES:

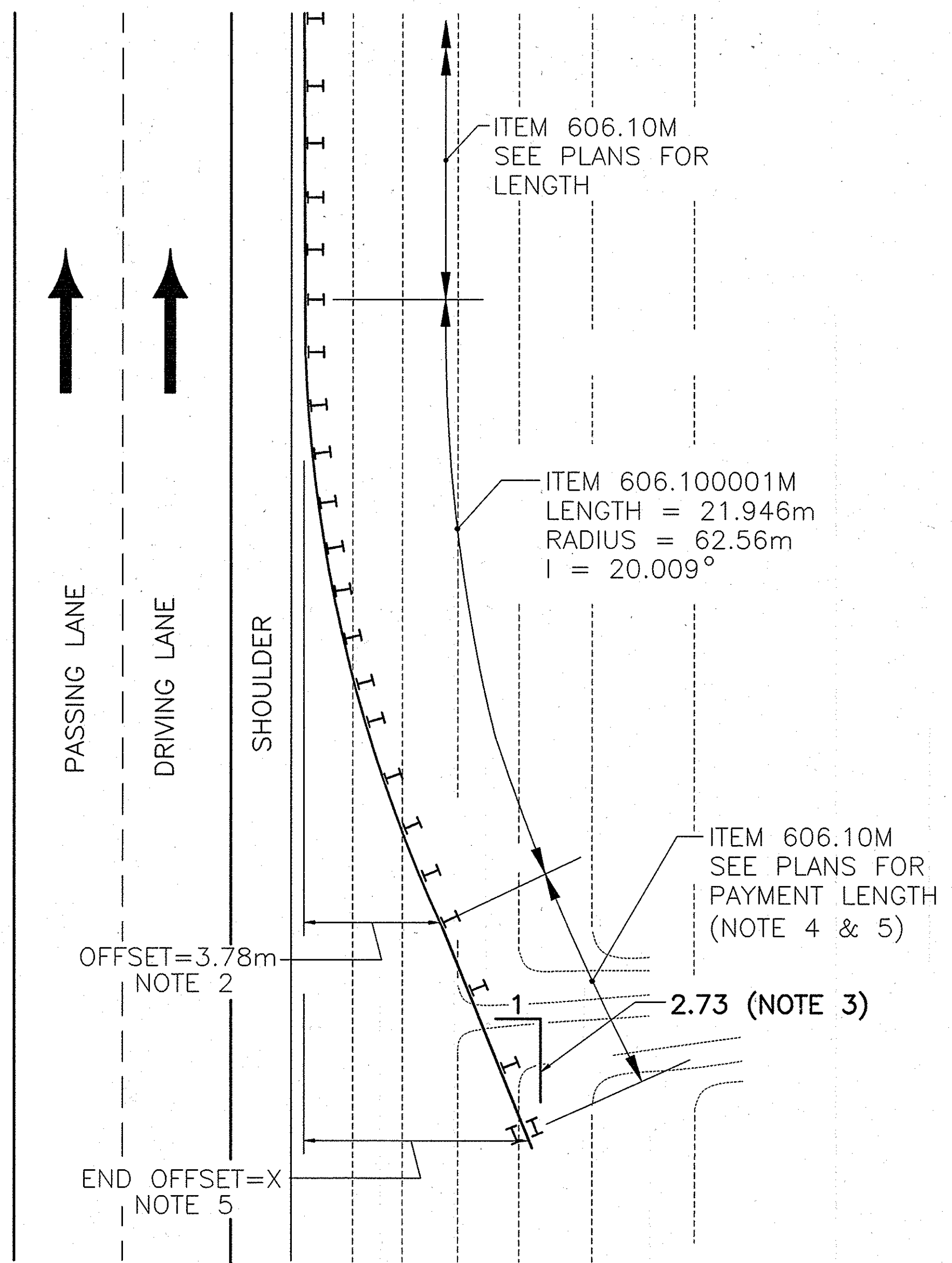
1) TRANSITION USING SPECIAL 3.6m± SHOP CURVED RAIL AND 8-BOLT CONNECTION AS SHOWN IN "DETAIL Z" ON DRAWING MD-6, COST TO BE INCLUDED IN ITEM 606.33M (FOR EXAMPLE, SEE EXISTING 8-BOLT CONNECTION TO REMAIN ON THE WESTBOUND SIDE)

ITEM LIST:

ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.32M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING
ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.34M - ANCHORAGE UNIT FOR HPBO CORRUGATED BEAM GUIDE RAILING
ITEM 25606.691001M - REMOVING & STORING END TERMINAL FOR HPBO CBMB
ITEM 606.72M - REMOVE & DISPOSE CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.9601M - MEDIAN BARRIER TRANSITION-WEAK POST CORR BEAM TO HPBO CORR BM.

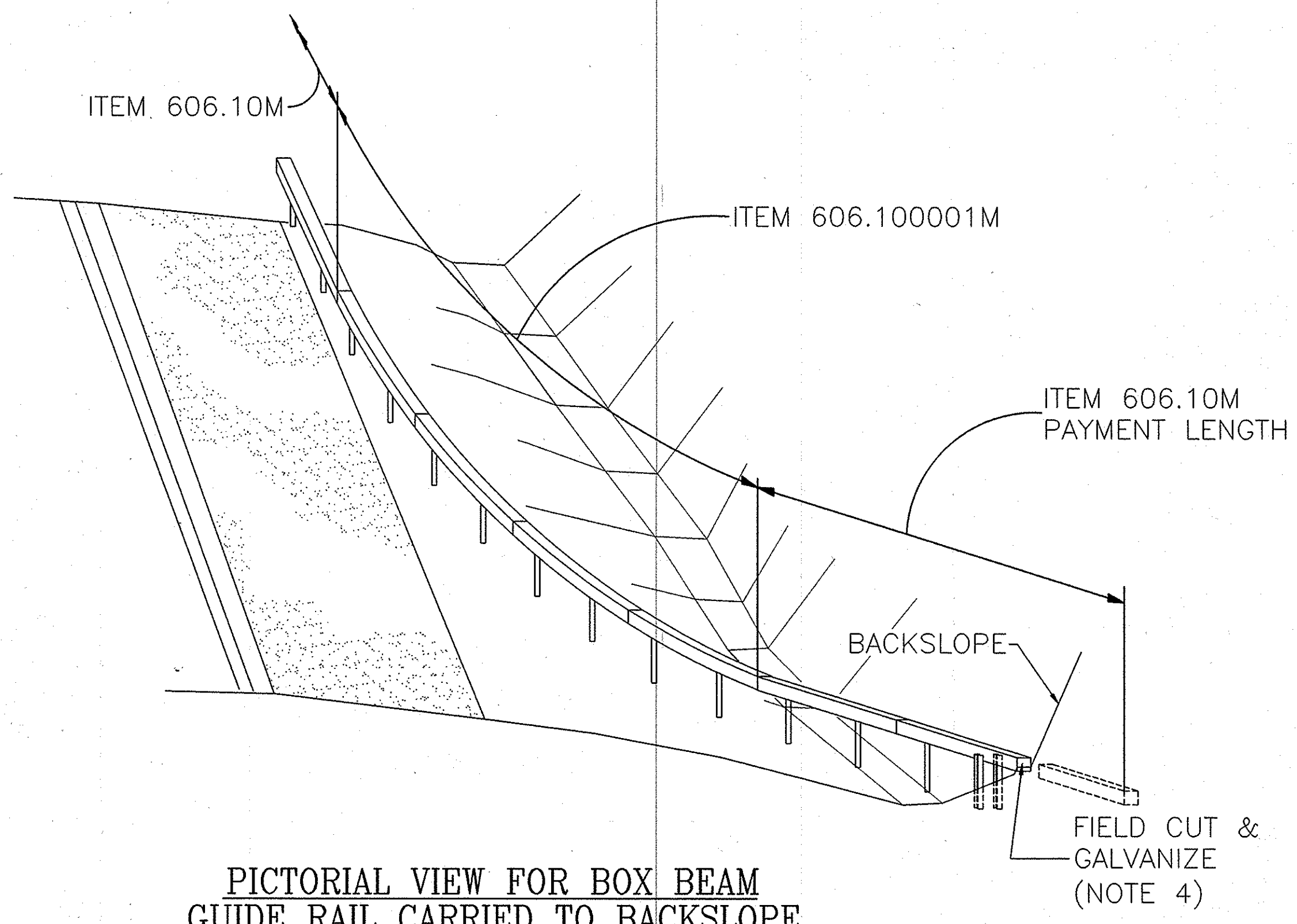
- GUIDE RAIL WORK LOCATION NUMBER
SEE GUIDE RAIL TABLE ON DRAWING MT-1

IN CHARGE OF: A. MASTROIANI
DESIGNED BY: B. KOSLOSKE
DRAFTED BY: B. KOSLOSKE
CHECKED BY: A. MASTROIANI
FY 2006\0638\052-MD-4.dwg



PLAN LAYOUT FOR BOX BEAM
GUIDE RAIL CARRIED TO BACKSLOPE
TYPE 0
N.T.S.

ITEM 606.10M — BOX BEAM GUIDE RAILING
ITEM 606.100001M — BOX BEAM GUIDE RAILING (SHOP CURVED)



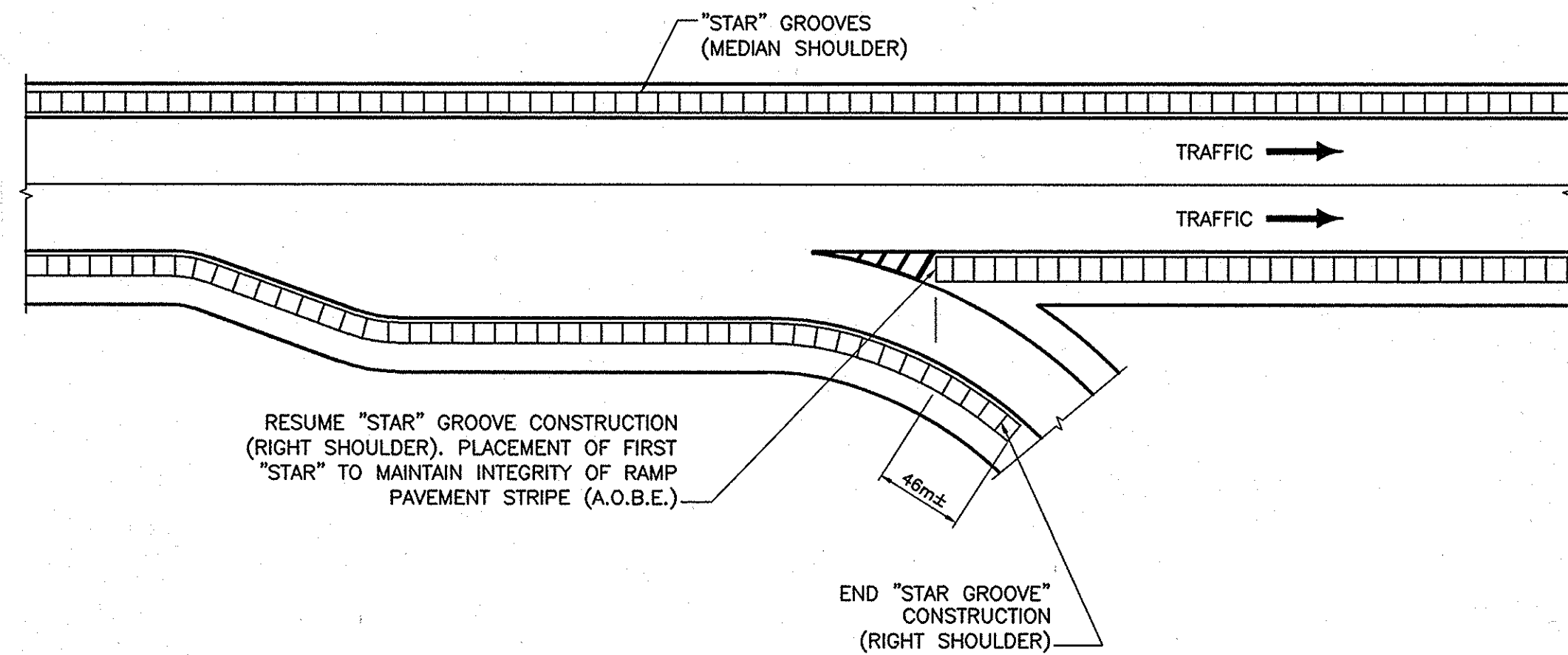
PICTORIAL VIEW FOR BOX BEAM
GUIDE RAIL CARRIED TO BACKSLOPE
TYPE 0
NOT TO SCALE

NOTE:
THIS DETAIL TO BE USED AT GUIDE RAIL WORK LOCATION \diamond 4
AT APPROX. M.P. 240.5 EASTBOUND RIGHT.

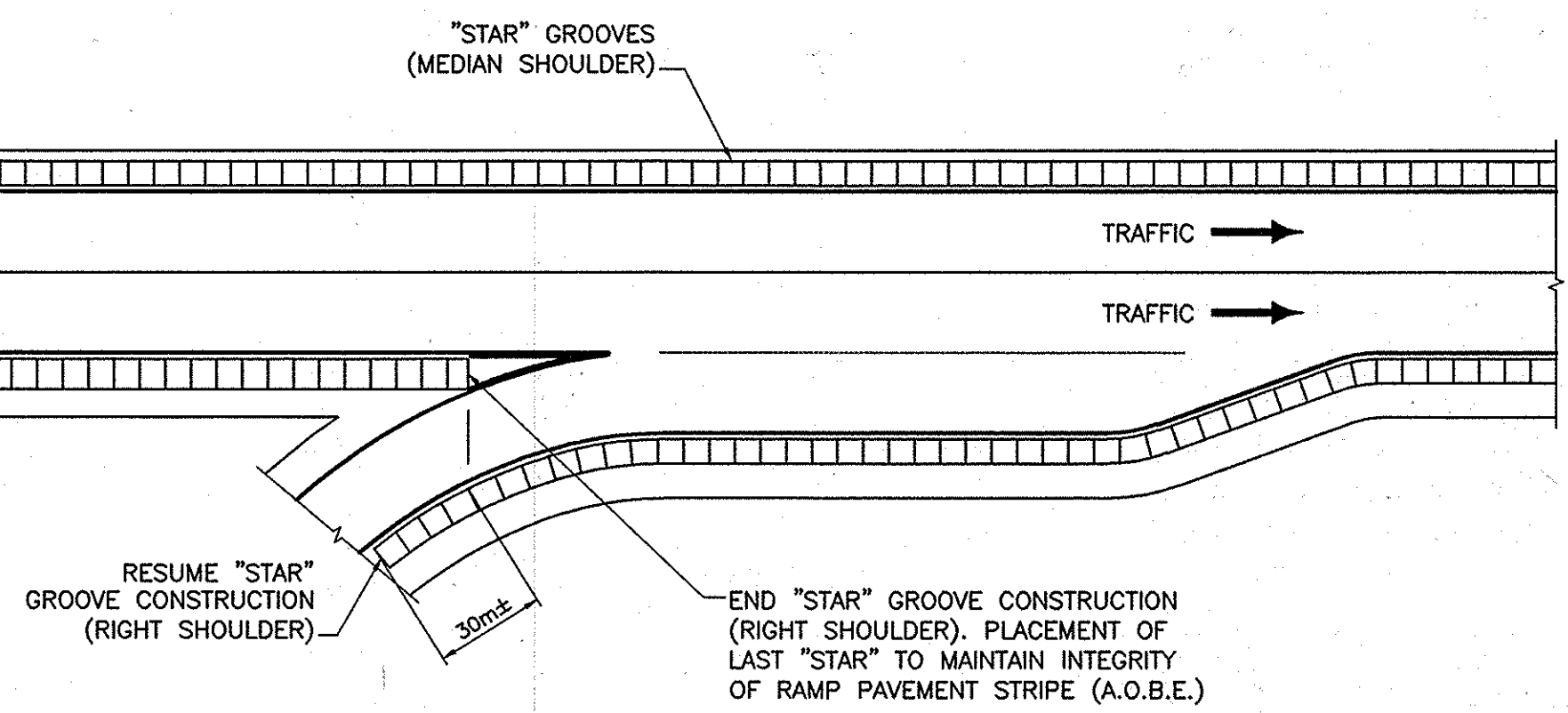
- NOTE:
- 1). THE MOUNTING HEIGHT OF THE GUIDE RAIL SHALL BE MAINTAINED WHEN CROSSING THE DITCH LINE.
 - 2). OFFSET FROM LINE OF GUIDERAIL AT THE END OF THE CURVED SECTION OF RAIL.
 - 3). FLARE RATE SHOWN IS THE MAXIMUM TANGENT FLARE RATE AT THE END OF THE SHOP CURVED RAIL.
 - 4). INDICATED LENGTH IS PAYMENT LENGTH. FIELD CUTTING & GALVANIZING MAY BE REQUIRED. SEE NYSDOT STANDARD SHEET M606-3, TYPE "0" DETAIL.
 - 5). END OFFSET X = 5.65m AFTER PLACING OF 5.49m OF 606.10M BOX BEAM.
END OFFSET X = 7.53m AFTER PLACING OF 10.97m OF 606.10M BOX BEAM.

2006 10-30	NO AS BUILT REVISIONS	Sandro	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO MP 240.9			
TITLE OF DRAWING MISCELLANEOUS DETAILS BACKSLOPE ANCHORAGE FOR GUIDE RAIL			
	CONTRACT NUMBER:		TAS 06-38
	DATE:		6/15/06
	DRAWING NUMBER:		MD-4

FL2005\0638\053-WD-5.dwg
CHECKED BY: A. MASTROIANI
DRAFTED BY: B. KOSLOSKE
DESIGNED BY: B. KOSLOSKE
IN CHARGE OF: A. MASTROIANI

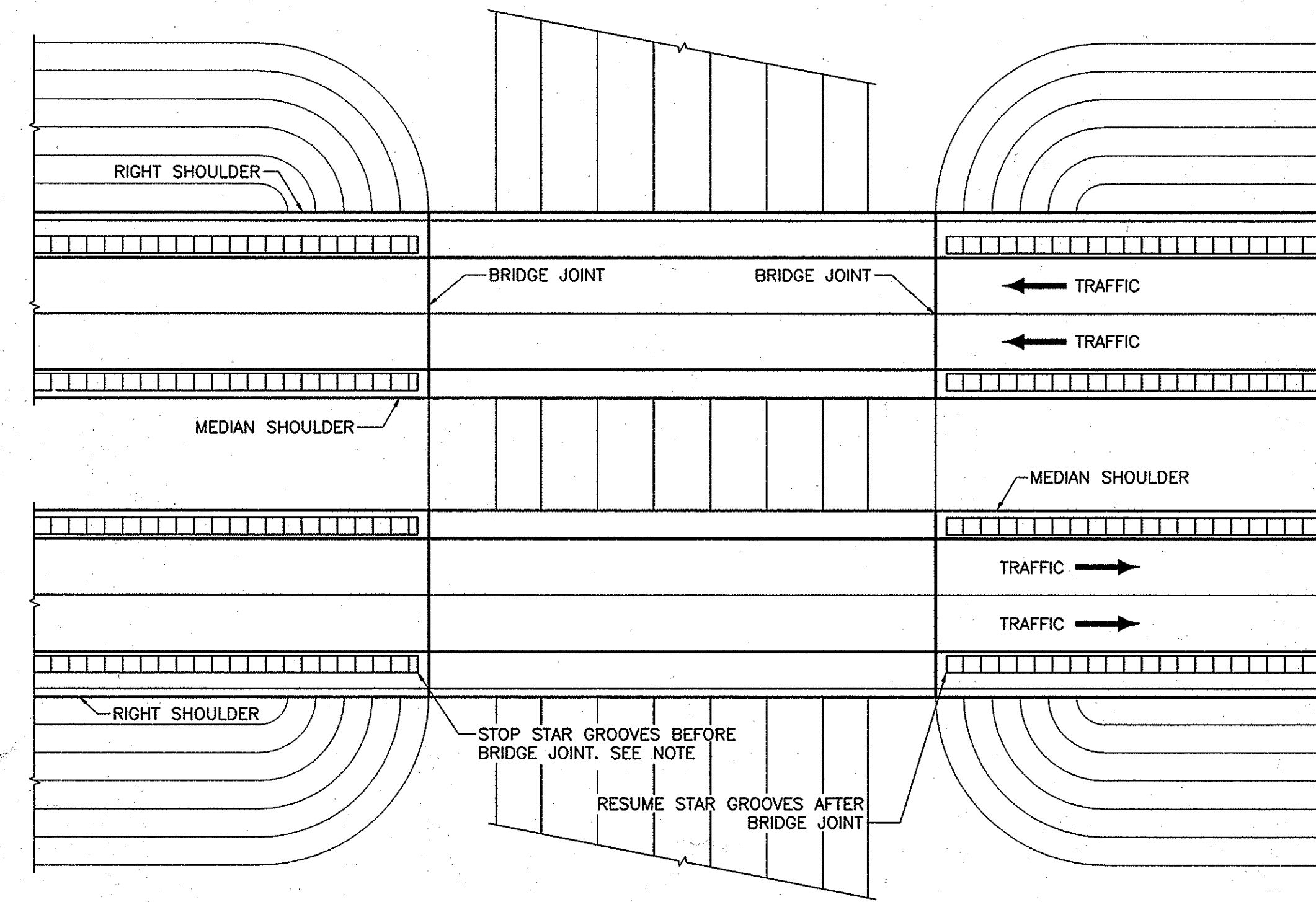


"STAR" GROOVE CONSTRUCTION PLAN
DECELERATION LANE DETAIL D-1
INTERCHANGES, SERVICE AREAS & PARKING AREAS
N.T.S.



"STAR" GROOVE CONSTRUCTION PLAN
ACCELERATION LANE DETAIL A-1
INTERCHANGES, SERVICE AREAS & PARKING AREAS
N.T.S.

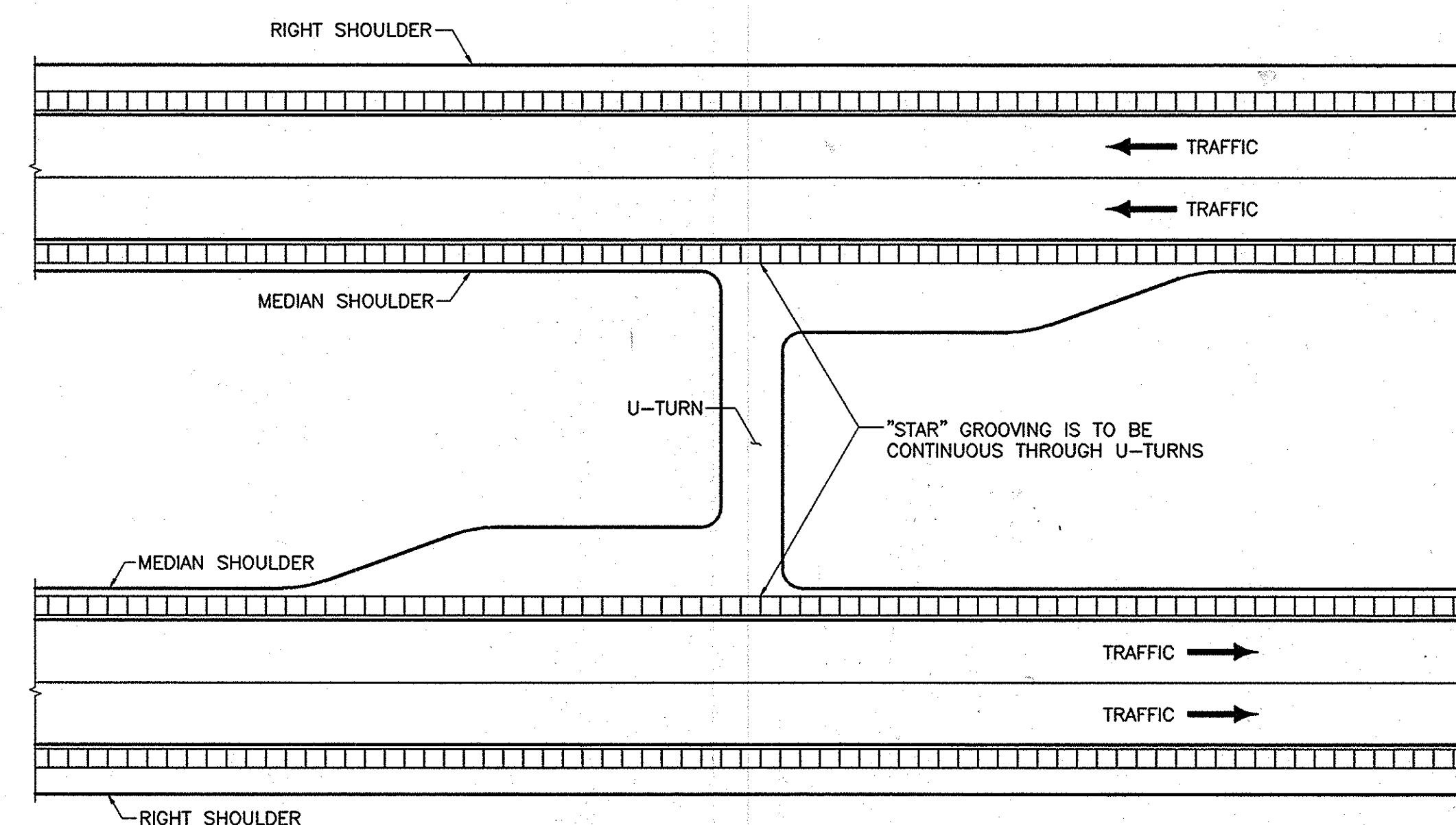
ITEM	DESCRIPTION
25403.2505M	REPLACEMENT OF SHOULDER TREATMENT FOR ACCIDENT REDUCTION (STAR)



NOTE:
STAR GROOVE SHALL NOT BE
PLACED CLOSER THAN 0.6M±
(2ft) TO ANY BRIDGE JOINT.

NOTE:
2 LANE PAVEMENT SHOWN-3 AND
4 LANE PAVEMENT AREAS ARE SIMILAR.

"STAR" GROOVE CONSTRUCTION PLAN
BRIDGE DETAIL
N.T.S.



NOTE:
STAR GROOVES ARE NOT TO BE PLACED ON OR
NEAR LONGITUDINAL CONSTRUCTION JOINTS. THE
CONTRACTOR SHALL ADJUST PLACEMENT OF
THE "STARS" SO THAT THE EDGE OF THE STAR
GROOVES ARE NO CLOSER THAN 150mm FROM
ANY LONGITUDINAL JOINT.

"STAR" GROOVE CONSTRUCTION PLAN
U-TURN DETAIL
N.T.S.

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

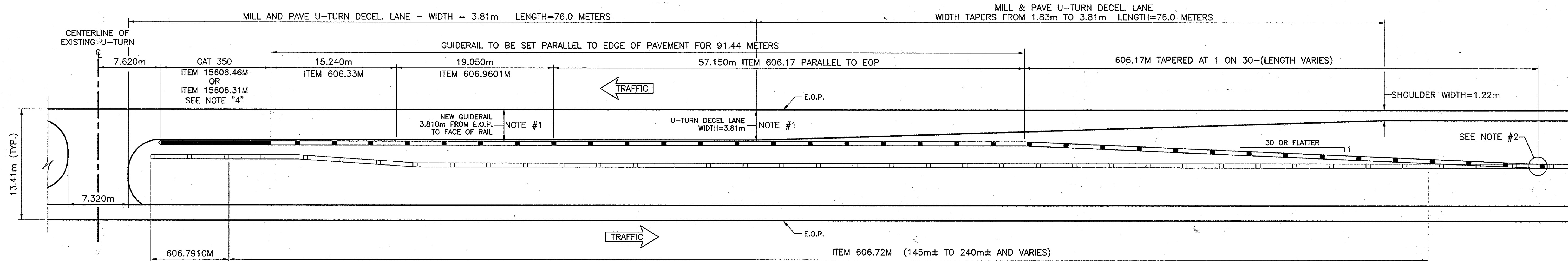
10.30	NO AS BUILT REVISIONS		
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING AND MAINTENANCE 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO MP 240.9			
TITLE OF DRAWING MISCELLANEOUS DETAILS "STAR" GROOVES			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 2/17/06	
		DRAWING NUMBER: MD-5	

ITEM LIST

606.17M CORRUGATED BEAM MEDIAN BARRIER
 15606.31M MEDIAN BARRIER REDIRECTIVE GATING END TERMINAL
 606.33M HEAVY POST BLOCKED-OUT CORR BEAM MEDIAN BARRIER
 15606.46M CRASH-CUSHION ATTEN. TERMINAL 350
 606.72M REMOVE & DISPOSE CORRUGATED BEAM MEDIAN BARRIER
 606.7910M REMOVE & DISPOSE ANCHORAGE UNIT- CORR BEAM GUIDE RAIL & MED. BARR
 606.9601M MEDIAN BARRIER TRANSITION, WEAK-POST CORRUGATED BEAM TO HEAVY POST BLOCKED OUT
 647.12M RELOCATING SIGNS-SIZE B (1.1 TO 2.0 SQUARE METERS)

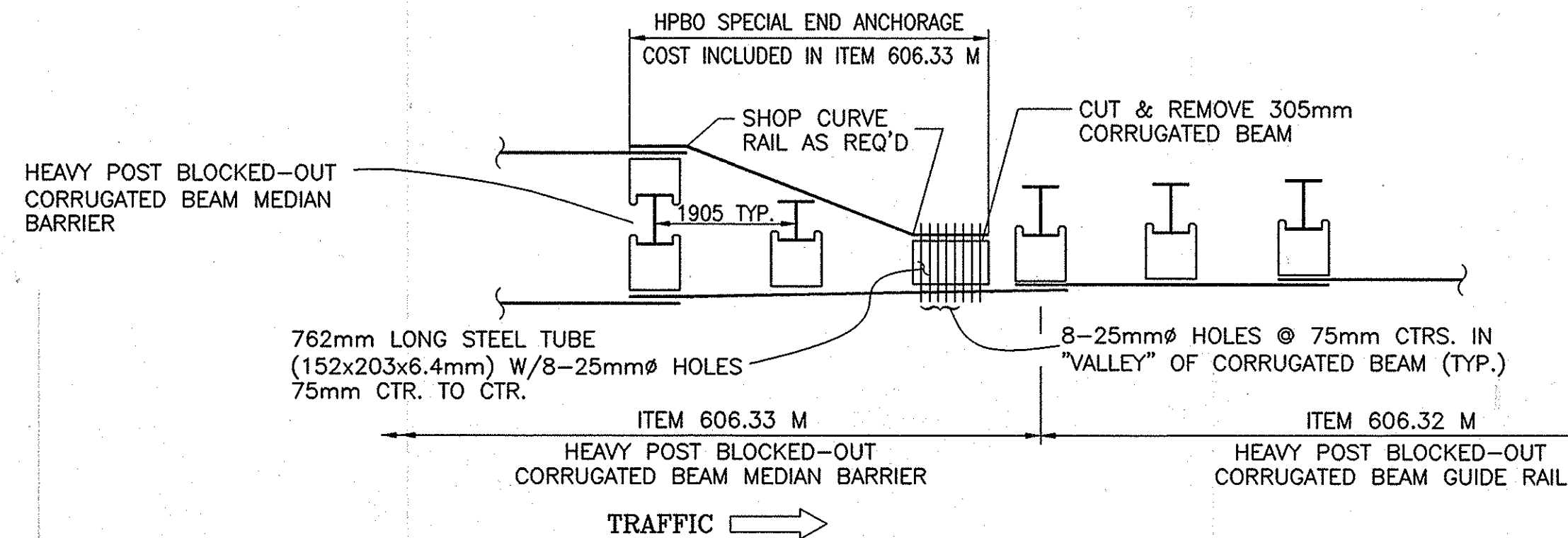
NOTES:

- 1) WEST SIDE OF M.P. 239.42 - PROPOSED RAIL OFFSET TO MATCH EXISTING RAIL OFFSET - SEE DRAWING PL-7 FOR EXISTING GUIDERAIL ELEMENTS TO REMAIN.
- 2) THIS CONNECTION MAY REQUIRE NON-STANDARD POST SPACING & FIELD CUTTING GUIDERAIL WHERE CONNECTING TO EXISTING MEDIAN BARRIER. SEE "NON-STANDARD POST SPACING" NOTE ON DRAWING GN-1.
- 3) EXISTING "NO U-TURN" SIGNS SHALL BE RELOCATED A.O.B.E. UNDER ITEM 647.12M.
- 4) THE CONTRACTOR HAS THE OPTION OF USING EITHER ITEM 15606.46M OR ITEM 15606.31M.



TYPICAL U-TURN PAVING LIMITS & MEDIAN RAIL LAYOUT DETAIL

SCALE: 1 : 250
 M.P. 239.42 EAST & WEST SIDES



NOTE:

ANCHOR "BACK SIDE" CORRUGATED BEAM TO "TRAFFIC SIDE" CORRUGATED BEAM WITH 8-20mmØ HEX HEAD BOLTS (254mm LONG), NUT ON "BACK SIDE" W/FLAT WASHERS ON BOTH SIDES. (COST INCLUDED IN ITEM 606.33 M).

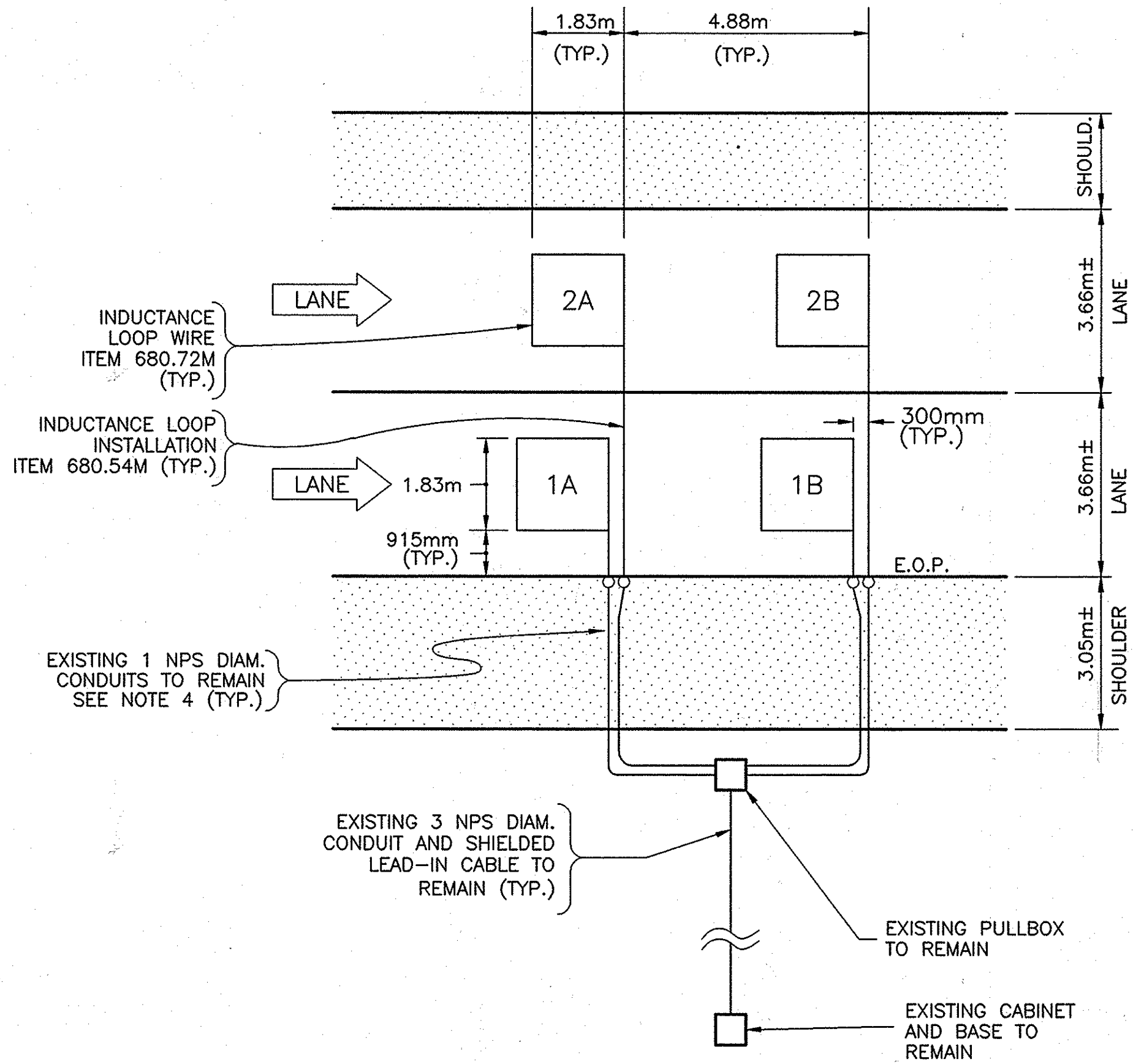
DETAIL Z

HPBO SPECIAL END ANCHORAGE
 BETWEEN HPBO CORRUGATED BEAM MEDIAN BARRIER AND HPBO CORRUGATED BEAM GUIDE RAIL
 N.T.S.

NOTE:
 ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
 UNLESS OTHERWISE NOTED. ALL ELEVATIONS
 ARE SHOWN IN METERS.

2007 10-30	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING MISCELLANEOUS DETAILS			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 8/23/06	
		DRAWING NUMBER: MD-6	

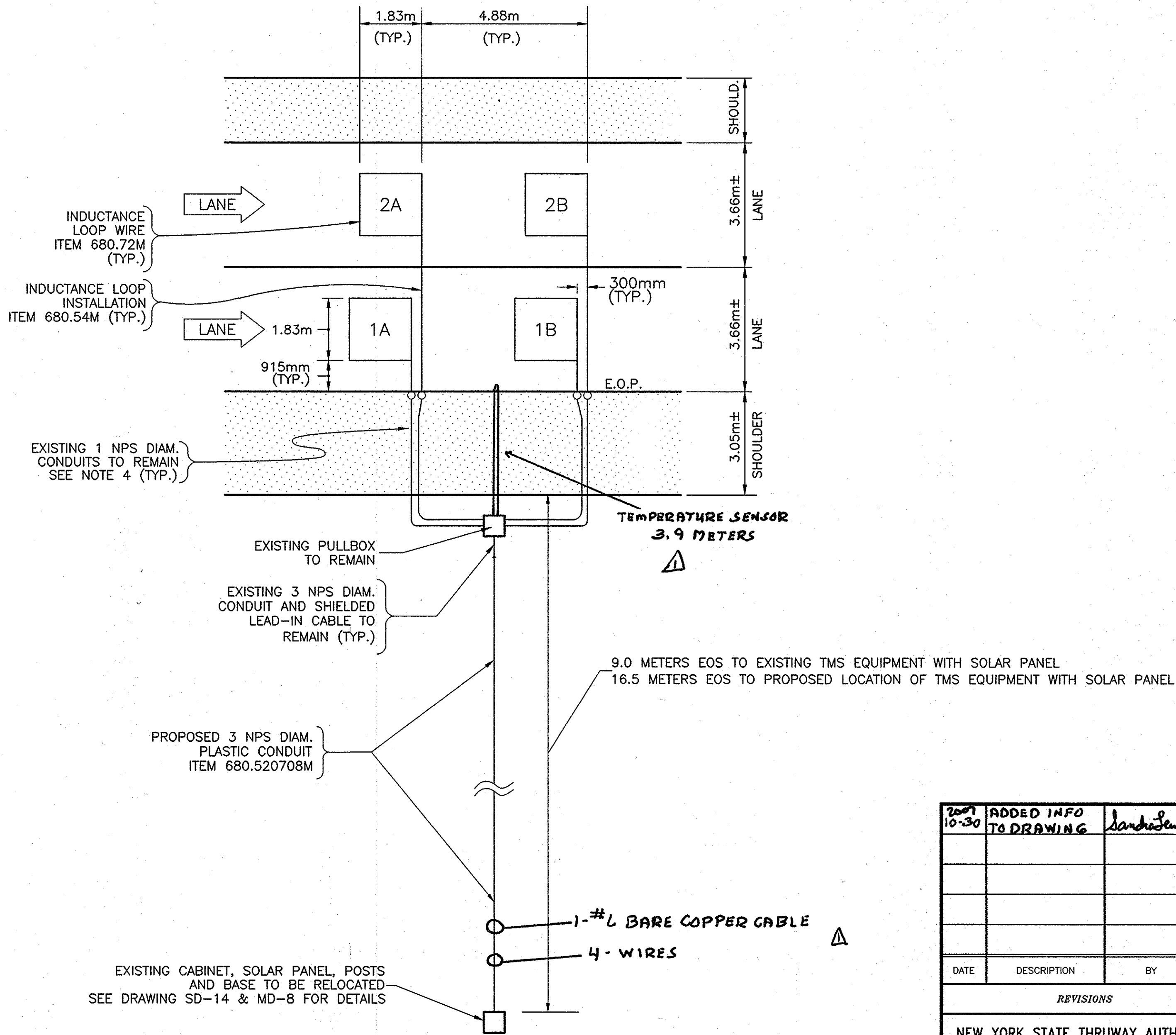
ITEM	DESCRIPTION
680.520708M	CONDUIT, RIGID PLASTIC, CLASS 1 OR 2, 3 NPS
680.54M	INDUCTANCE LOOP INSTALLATION
680.72M	INDUCTANCE LOOP WIRE



REPLACEMENT OF INDUCTANCE LOOPS AT
M.P. 240.48 WESTBOUND
N.T.S.

NOTES:

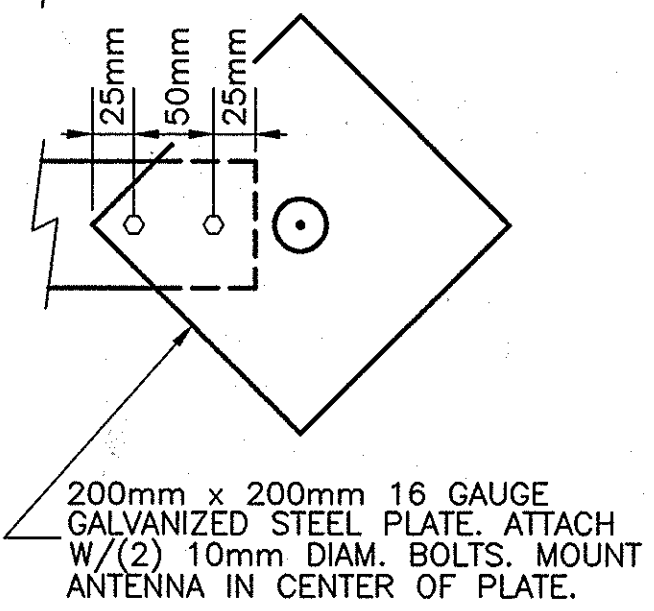
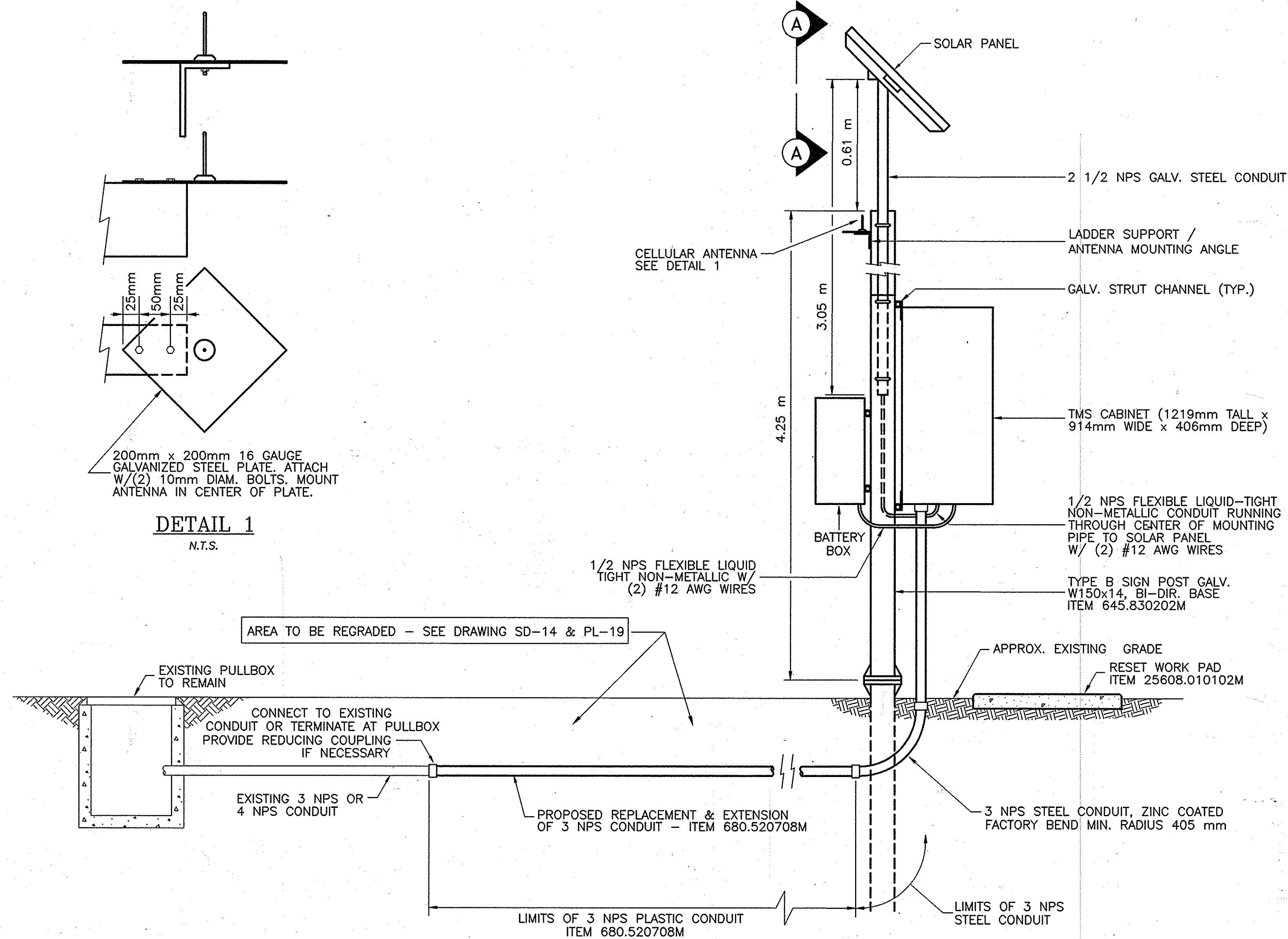
- ALL INDUCTANCE LOOPS SHALL BE 1.83m WIDE x 1.83m LONG WITH FOUR (4) TURNS OF LOOP WIRE.
- SEE STANDARD S.H. M680-9 FOR INDUCTANCE LOOP INSTALLATION DETAILS.
- THE CONTRACTOR SHALL LEAVE 600mm OF ITEM 680.72M AND THE SENSOR LEADS IN THE PULL BOX, THESE WIRES SHALL BE "TAGGED" REGARDING THERE NOMENCLATURE. FINAL CONNECTION OF THESE WIRES WILL BE BY OTHERS.
- THE CONTRACTOR SHALL EXERCISE CARE SO THAT THE EXISTING 1 NPS DIAM. CONDUITS ARE NOT DAMAGED. DAMAGED CONDUITS WILL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.



REPLACEMENT OF INDUCTANCE LOOPS
AND RELOCATING TMS EQUIPMENT AT
M.P. 236.65 EASTBOUND
N.T.S.
INSTALL TEMPERATURE SENSOR

2007 10-30	ADDED INFO TO DRAWING	Sanchez	Δ
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT STRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING MISCELLANEOUS DETAILS			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	6/10/06
		DRAWING NUMBER:	MD-7

IN CHARGE OF: A. MASTROIANI
DESIGNED BY: B. KOSLOSKI
DRAFTED BY: J. SHINSKI
CHECKED BY: A. MASTROIANI
FY 2006 (06/30/05) MD-8.dwg

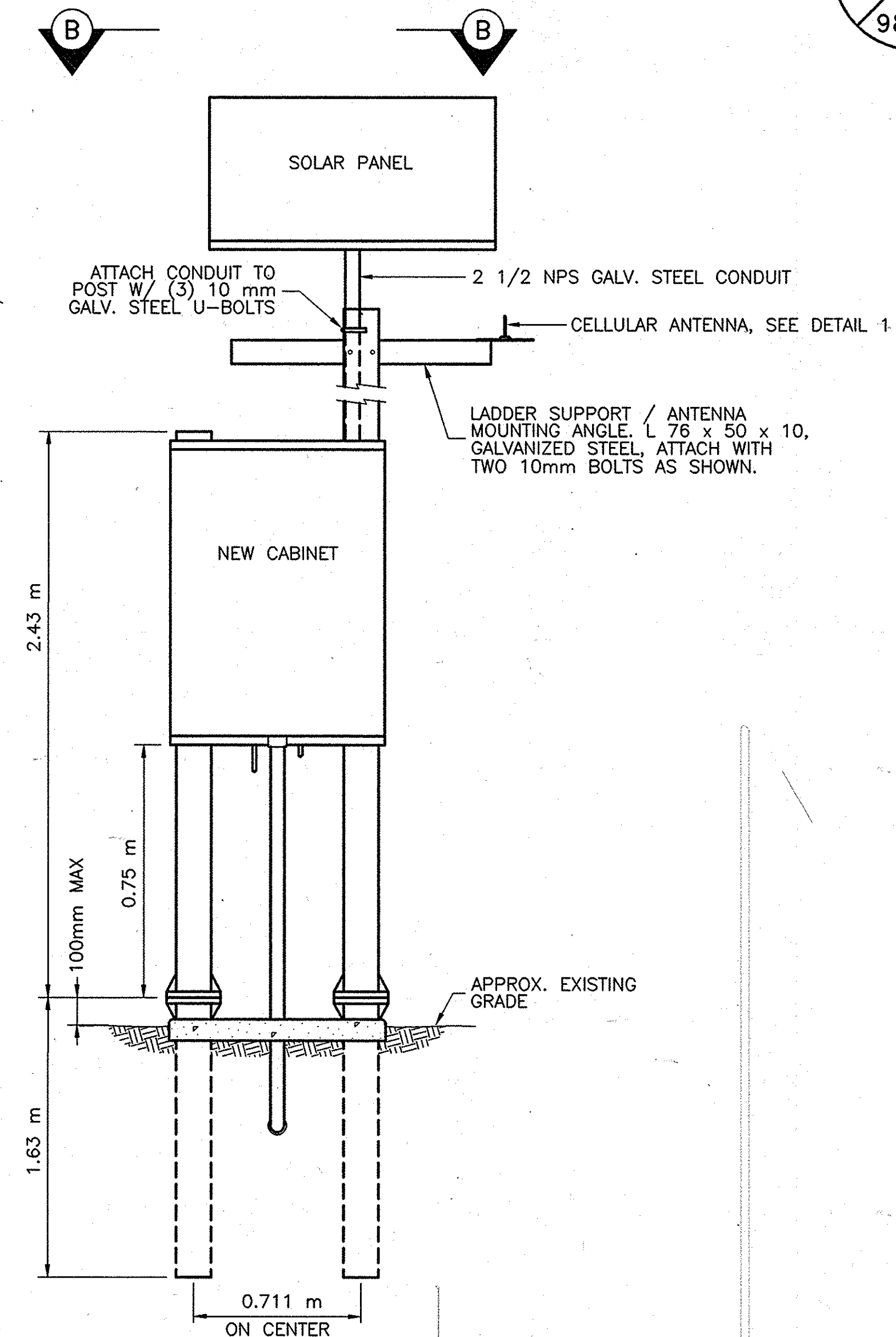
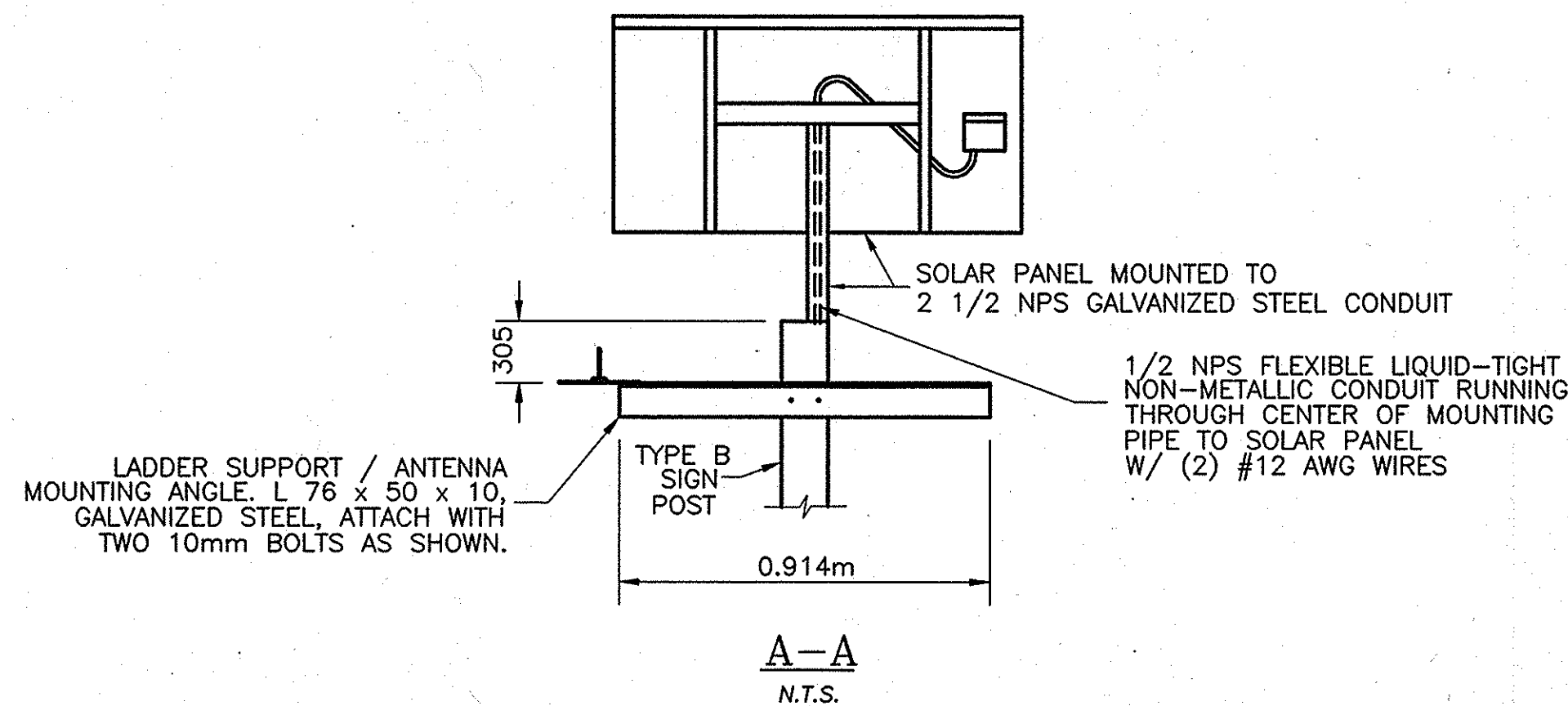


DETAIL 1
N.T.S.

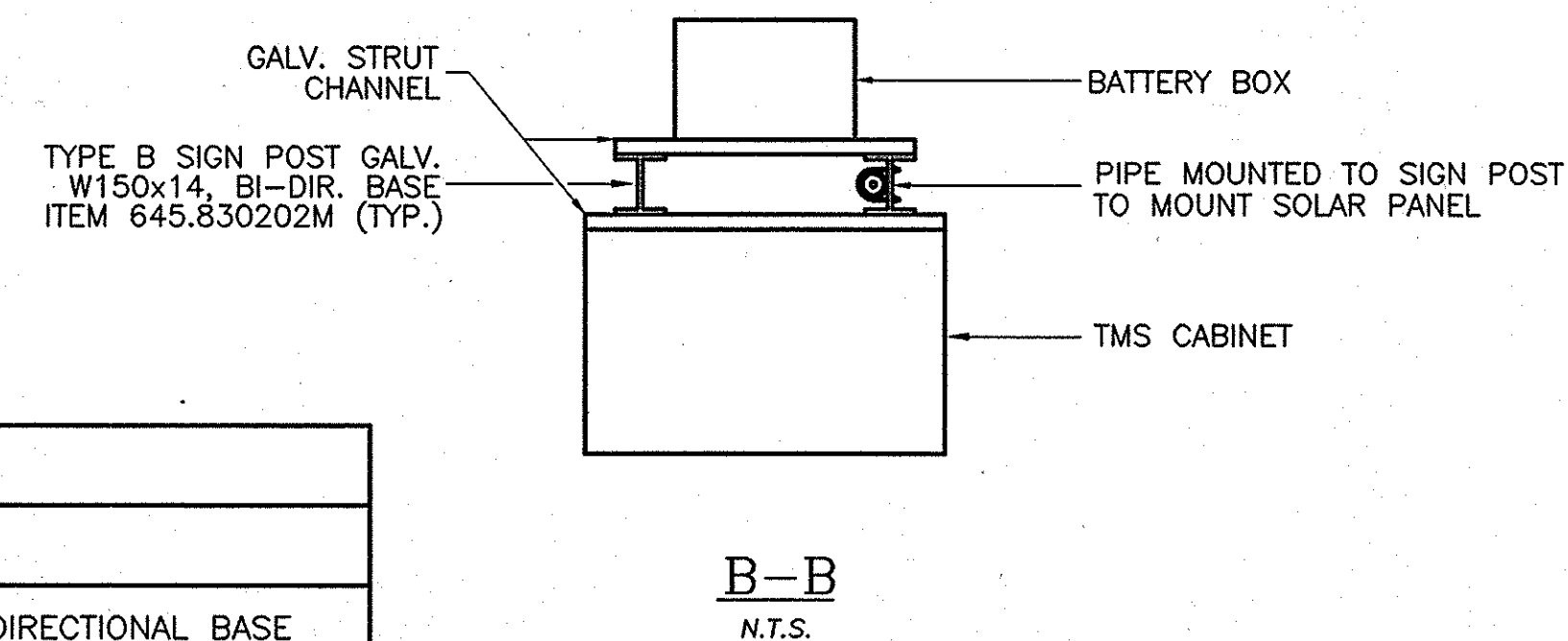
- NOTES:
1. ALL OF THE ABOVE WORK, UNLESS OTHERWISE NOTED, TO BE PAID FOR UNDER "RELOCATE TMS EQUIPMENT" ITEM 25680.803302M
 2. HARDWARE TO ATTACH STRUT CHANNEL TO POSTS AND CABINETS TO STRUT CHANNEL SHALL BE 10 mm DIA., GALVANIZED.

SIDE ELEVATION
RELOCATE TMS EQUIPMENT
SOLAR, TYPE B POST MOUNT
ITEM 25680.803302M
N. T. S.

ITEM	DESCRIPTION
25608.010102M	RESET WORK PAD
645.830202M	TYPE B SIGN POST-GALVANIZED W150x14 BI-DIRECTIONAL BASE
680.520708M	CONDUIT, RIGID PLASTIC, CLASS 1 OR 2, 3 NPS
25680.803302M	RELOCATE TMS EQUIPMENT

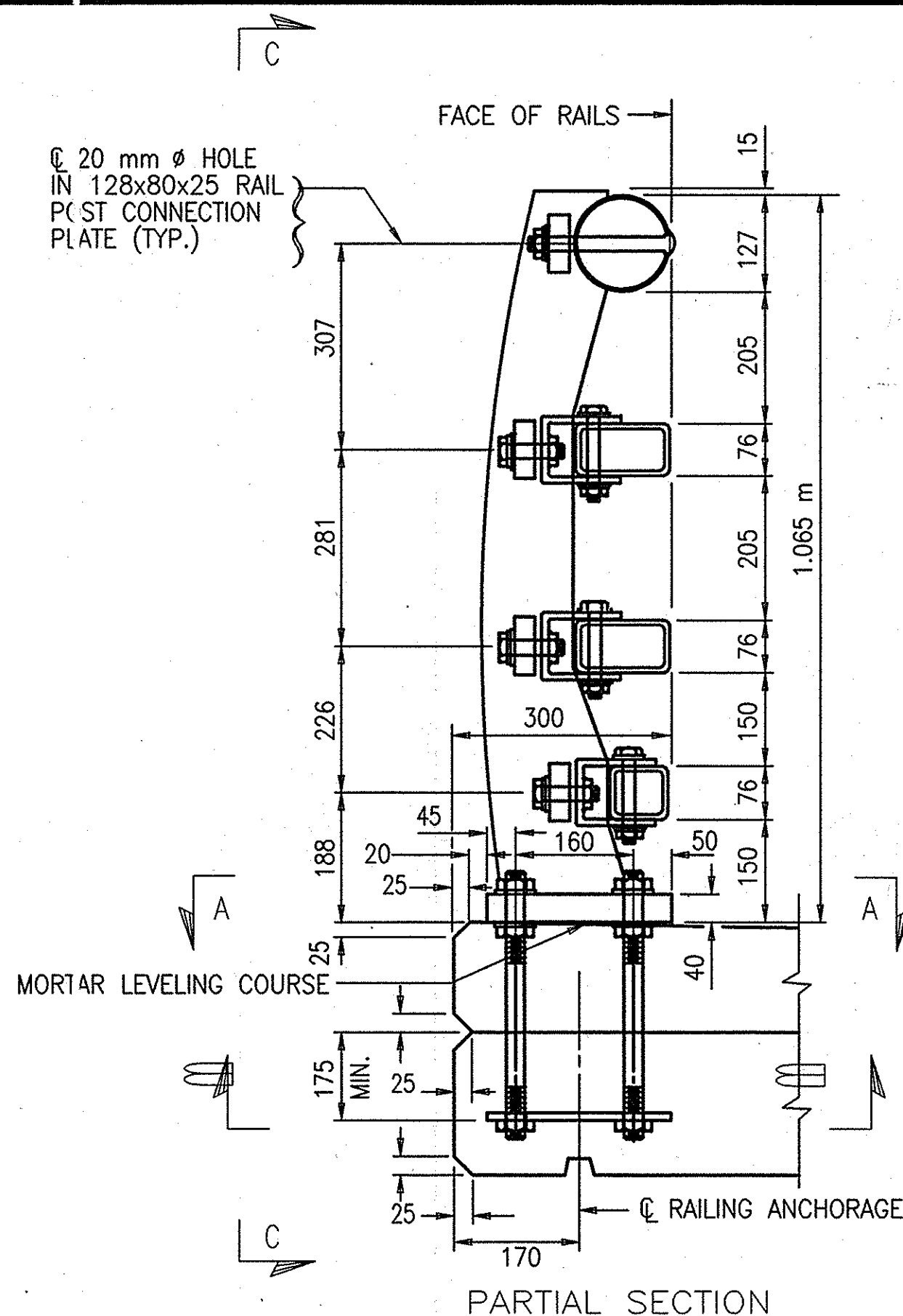


FRONT ELEVATION
N. T. S.

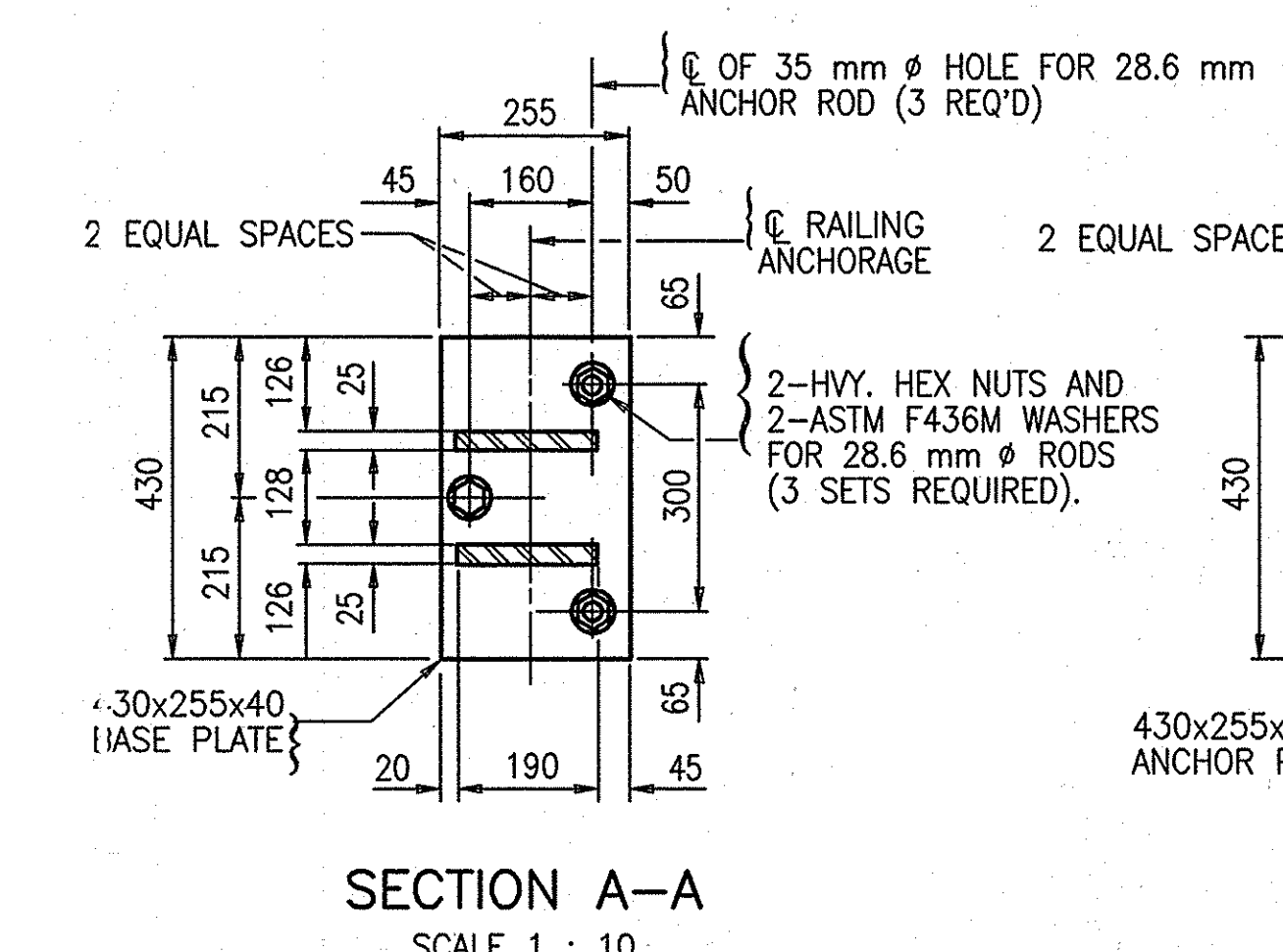
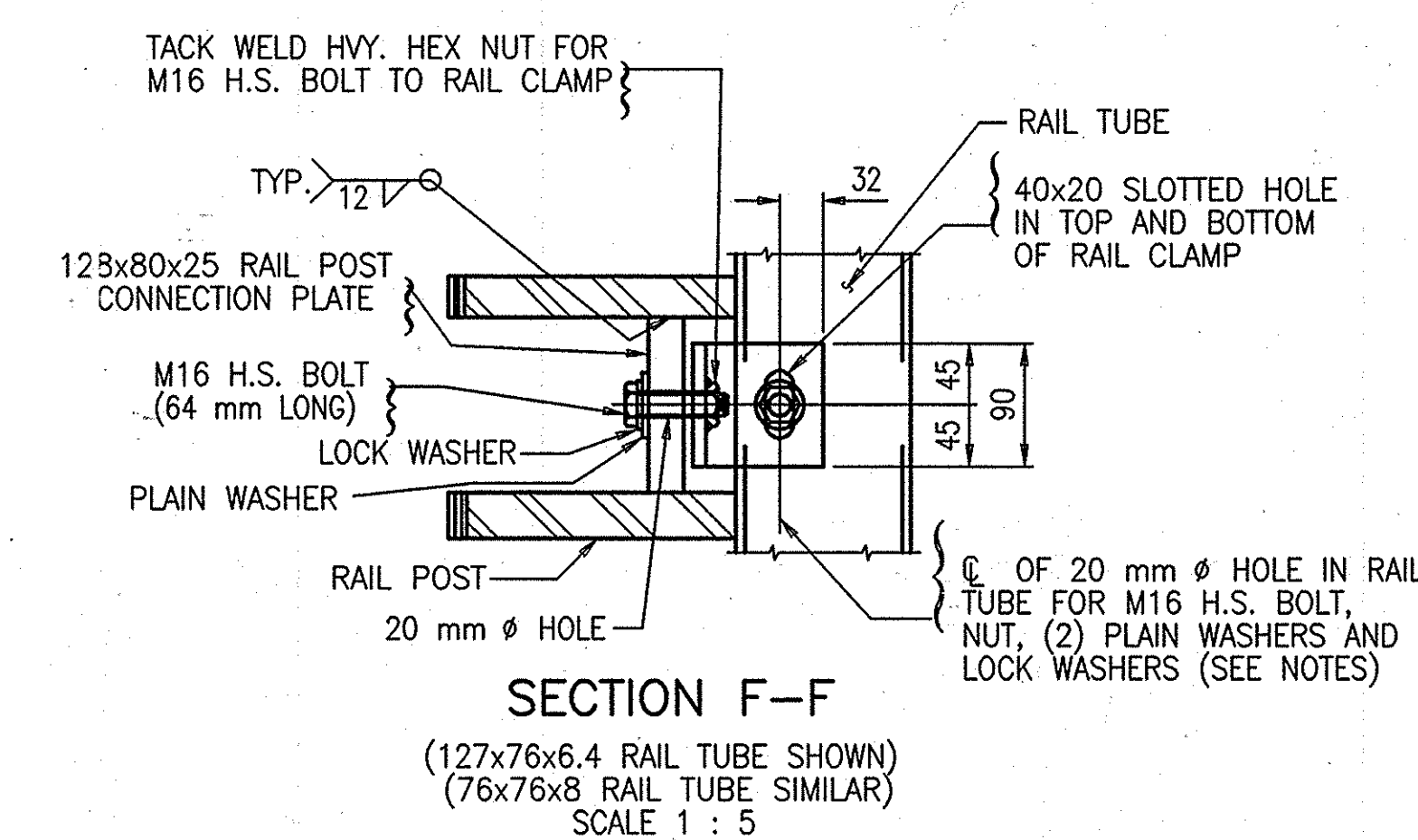


NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

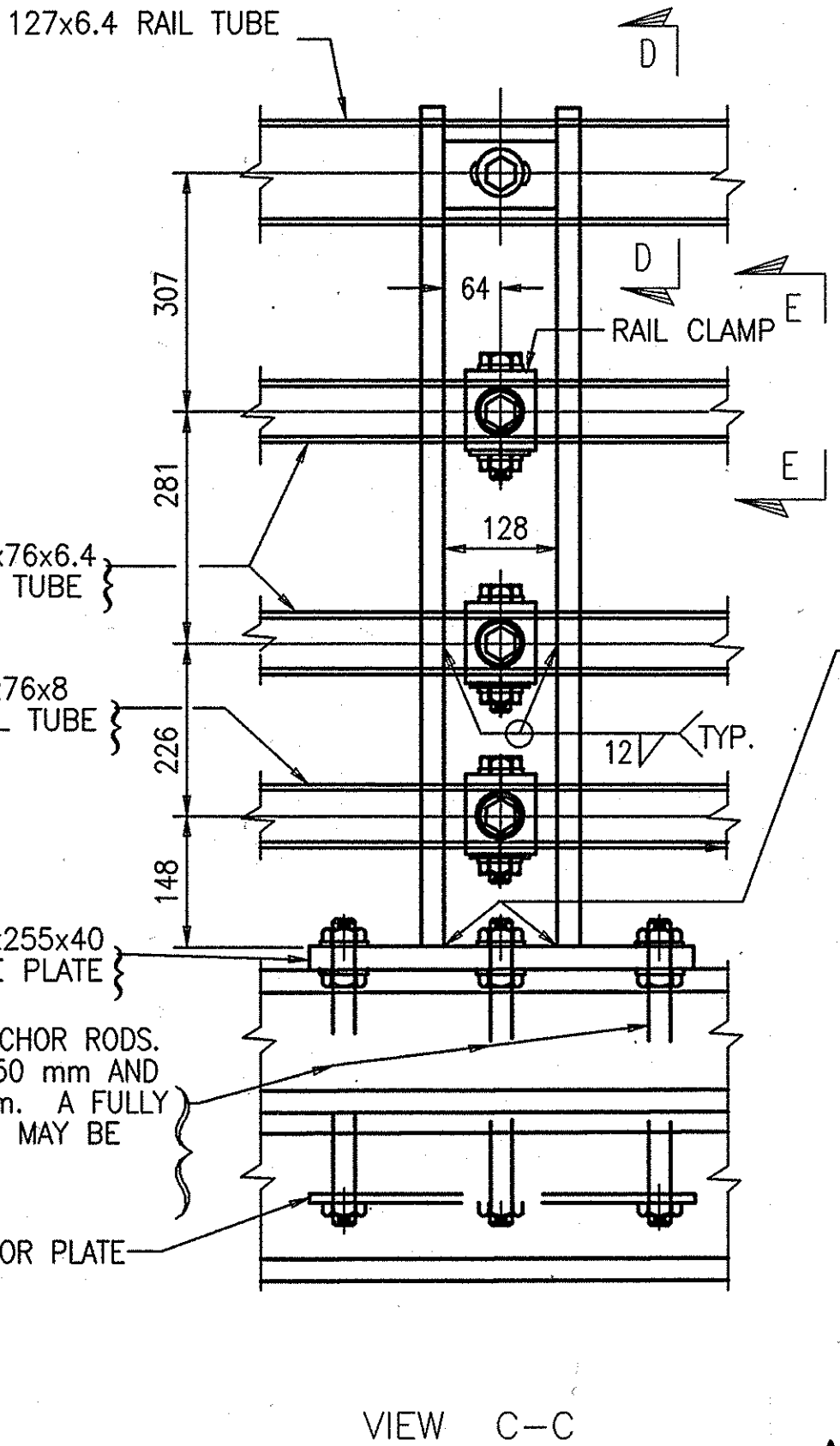
2007 11-1	NO AS BUILT REVISIONS	Sanchez



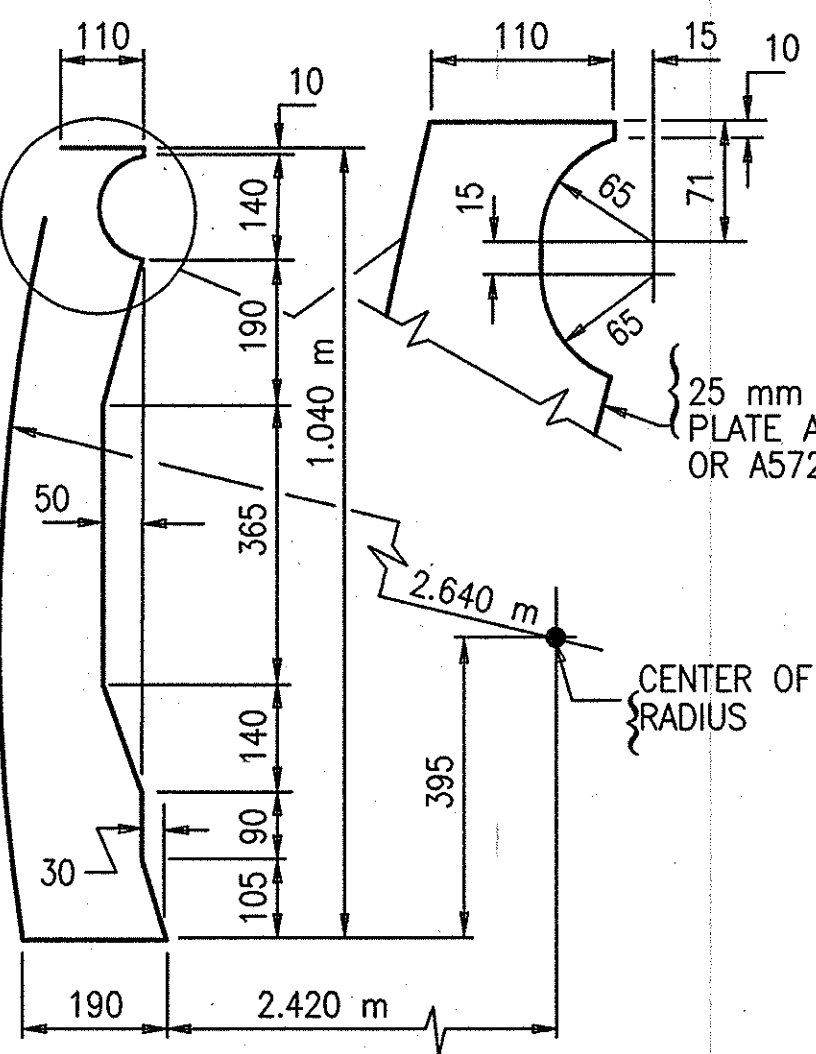
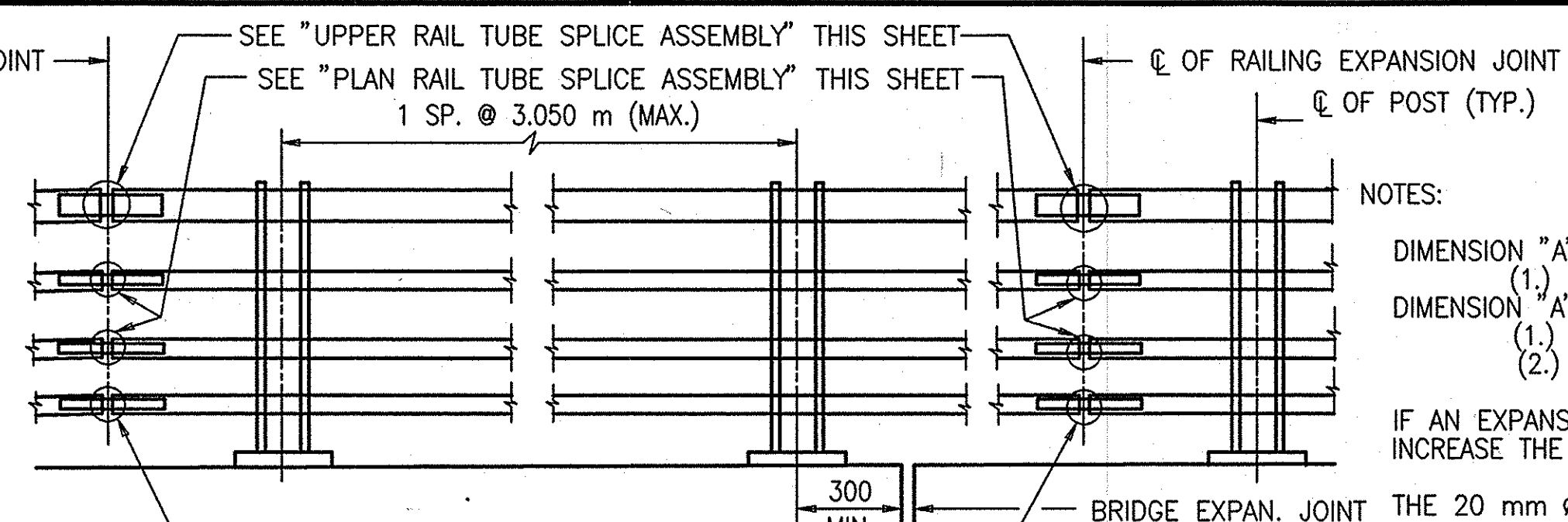
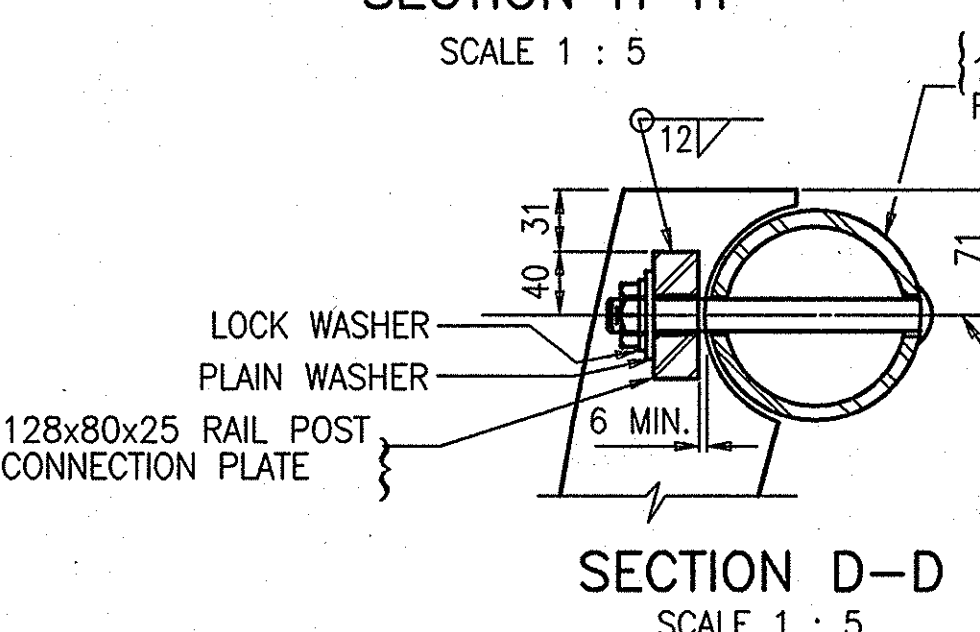
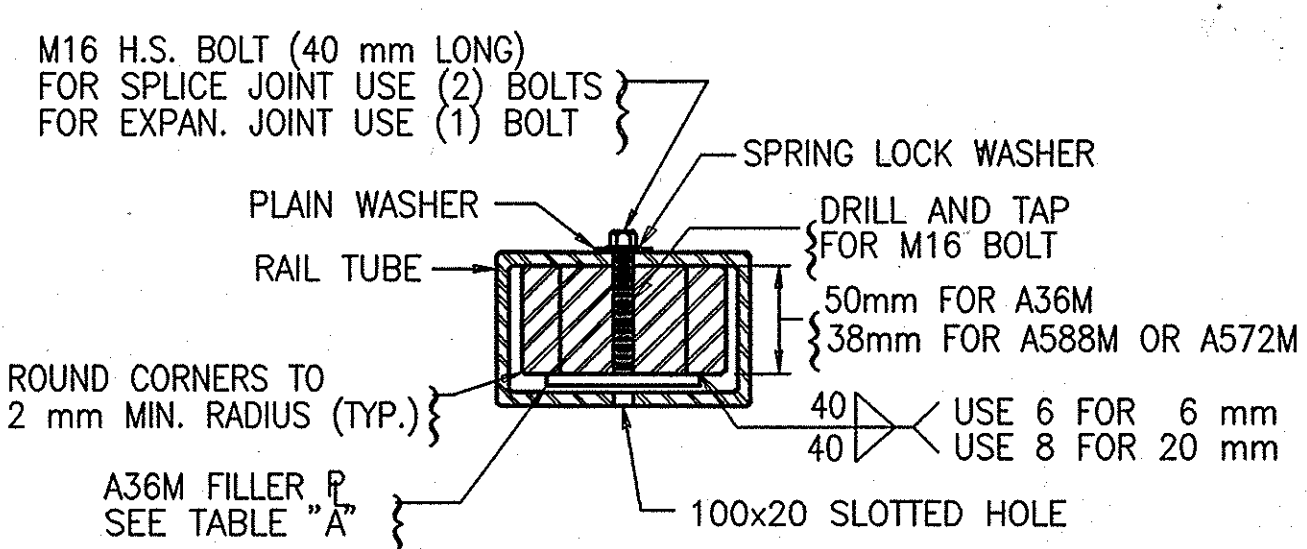
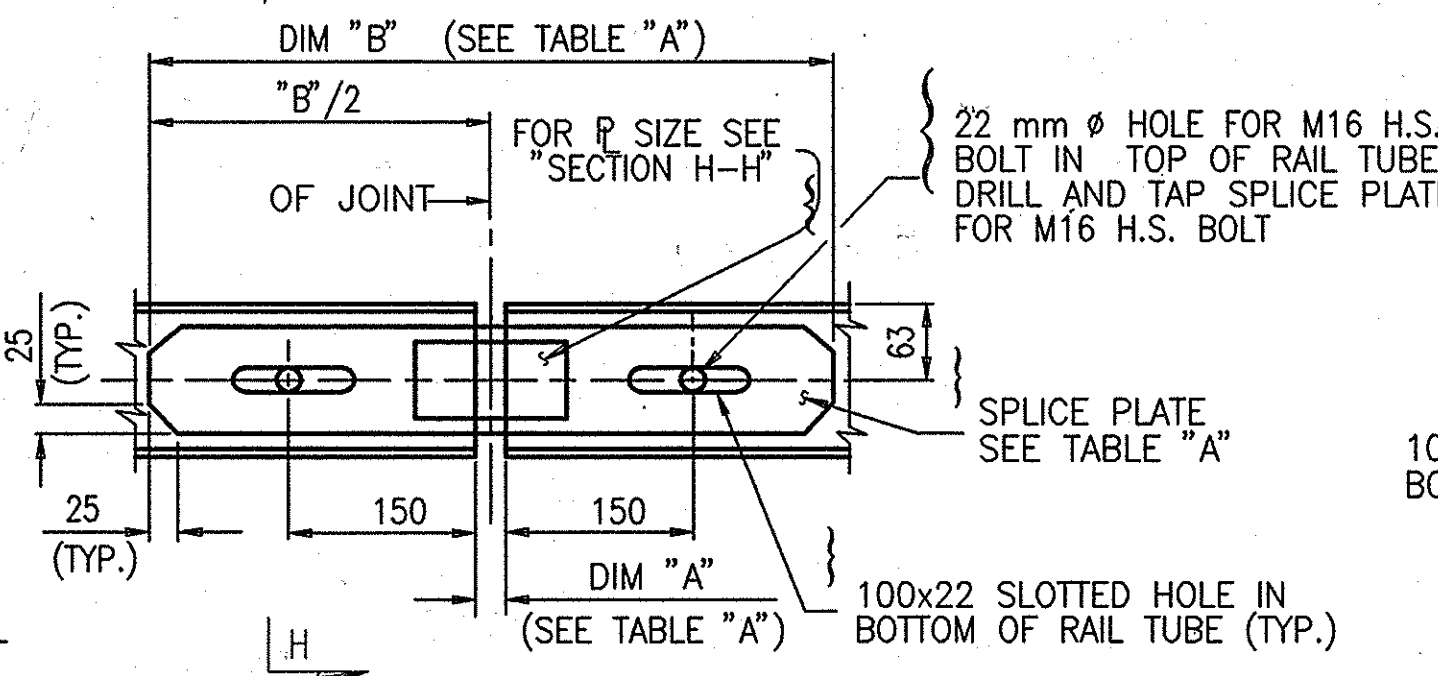
BRIDGE RAILING DETAILS
NO SCALE



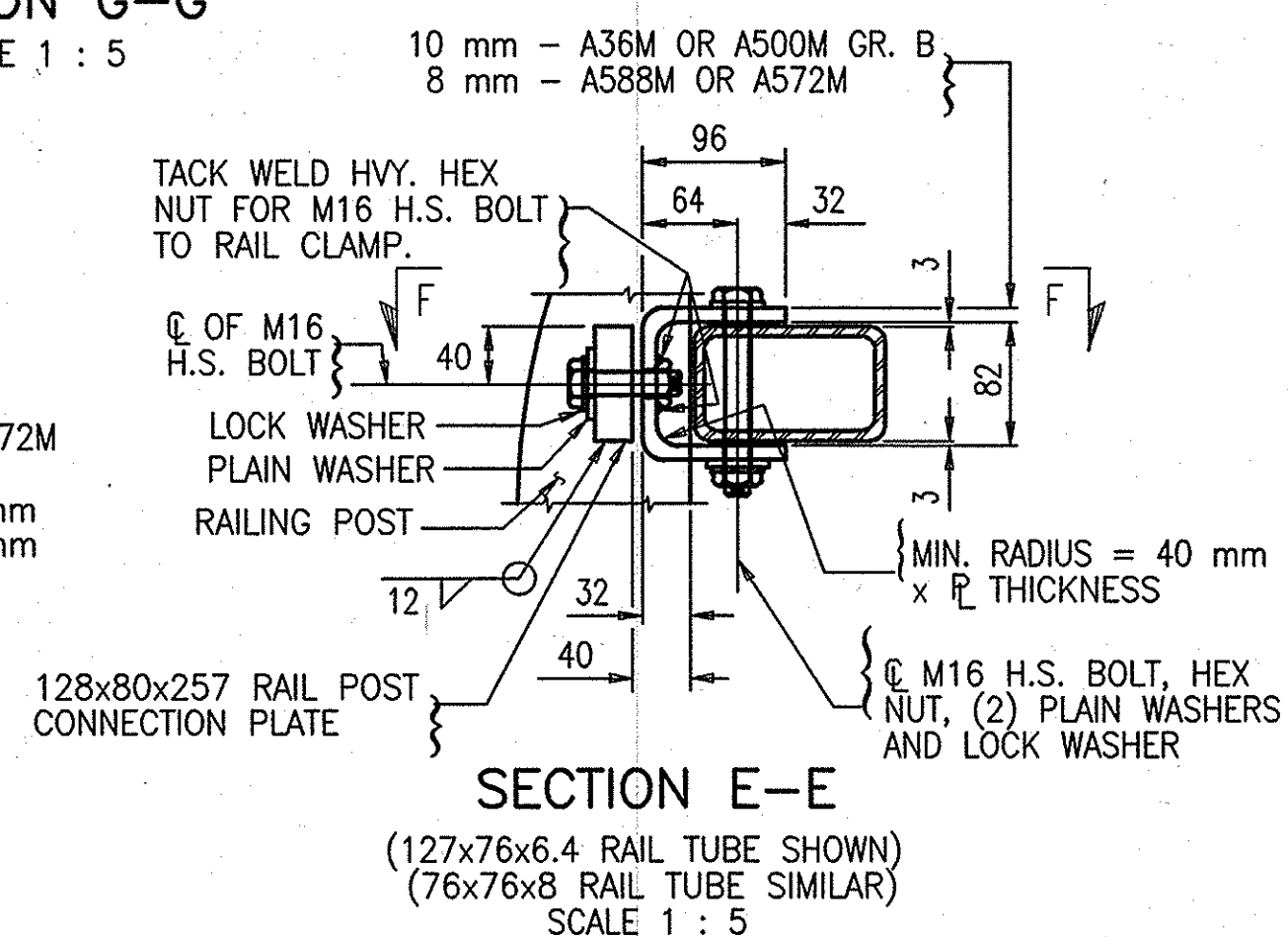
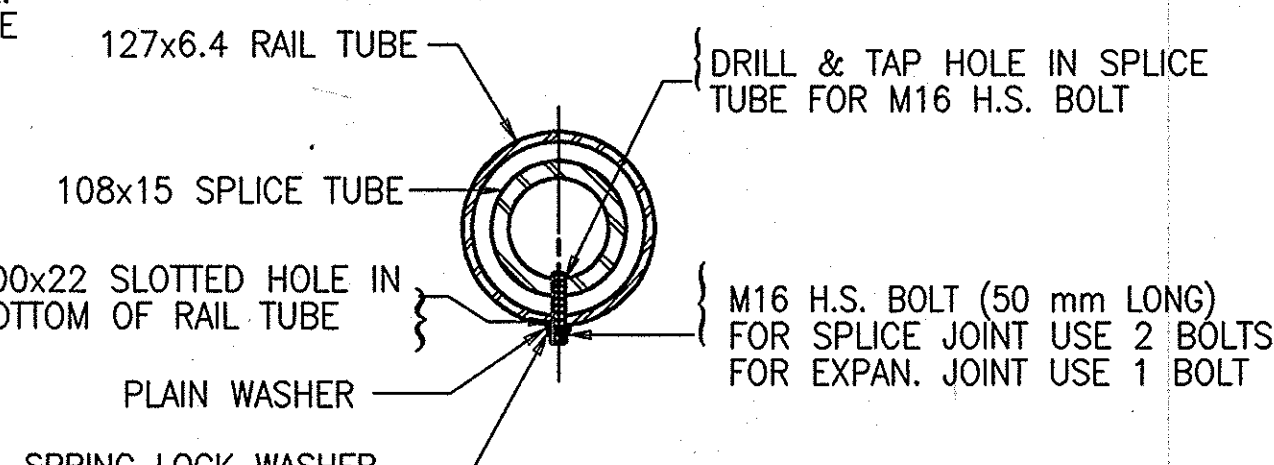
SECTION B-B
SCALE 1 : 10



ALTERNATE PARTIAL SECTION
(NO SIDEWALK)
NO SCALE



SECTION G-G
SCALE 1 : 5



FOR REFERENCE ONLY

ALL DIMENSIONS ARE SHOWN IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

FOR REFERENCE ONLY

NOTES:

DIMENSION "A" FOR SPLICE JOINT:

(1) 25 mm

DIMENSION "A" FOR EXPANSION JOINT:

(1) 25 mm MINIMUM

(2) LONGITUDINAL DECK OPENING + 7 mm

IF AN EXPANSION CAPACITY GREATER THAN 150 mm IS REQUIRED, INCREASE THE SPLICE PLATE LENGTH TO 900 mm + ("A" - 150 mm)

THE 20 mm ϕ HOLE IN THE RAIL TUBE MAY BE DRILLED IN THE SHOP OR IN THE FIELD. IF FIELD DRILLED, THE GALVANIZING SHALL BE REPAIRED IN ACCORDANCE WITH SECTION 719-01 OF THE NEW YORK STATE STANDARD SPECIFICATIONS. A 20 mm ϕ HOLE MAY BE SUBSTITUTED FOR THE 40x20 SLOTTED HOLE IN THE RAIL CLAMP.

IF THE END OF THE BOLT CONNECTING THE RAIL CLAMP TO THE RAIL POST CONNECTION PLATE BEARS AGAINST THE RAIL TUBE WHEN IN THE FINAL POSITION, ADDITIONAL PLAIN WASHERS SHALL BE ADDED TO PREVENT THE END OF THE BOLT FROM BEARING AGAINST THE RAIL TUBE.

THE HOLE FOR THE BOLT CONNECTING THE RAIL TUBE AND THE RAIL CLAMP SHALL BE LOCATED IN THE TUBE SO THAT THE RAIL TUBE WILL BEAR AGAINST THE RAIL POST PLATES WHEN IN THEIR FINAL POSITION.

UNLESS COVERED BY OTHER SPECIFICATIONS, ALL DIMENSIONS RELATED TO THE FABRICATION OF THE STEEL RAILING SHALL HAVE A TOLERANCE OF 2 mm.

PRIOR TO GALVANIZING THE ASSEMBLED POST, GRIND ALL EDGES OF PLATES AND BARS TO A MINIMUM RADIUS OF 2 mm.

ALL BOLTS SHALL BE SNUG TIGHT (APPROX. 135 N-M).

RAILING POST SHALL BE ERECTED TO PROPER LINE AND GRADE BEFORE CONCRETE UNDER THE POSTS AND IN BACK OF THE GRANITE CURB IS POURED.

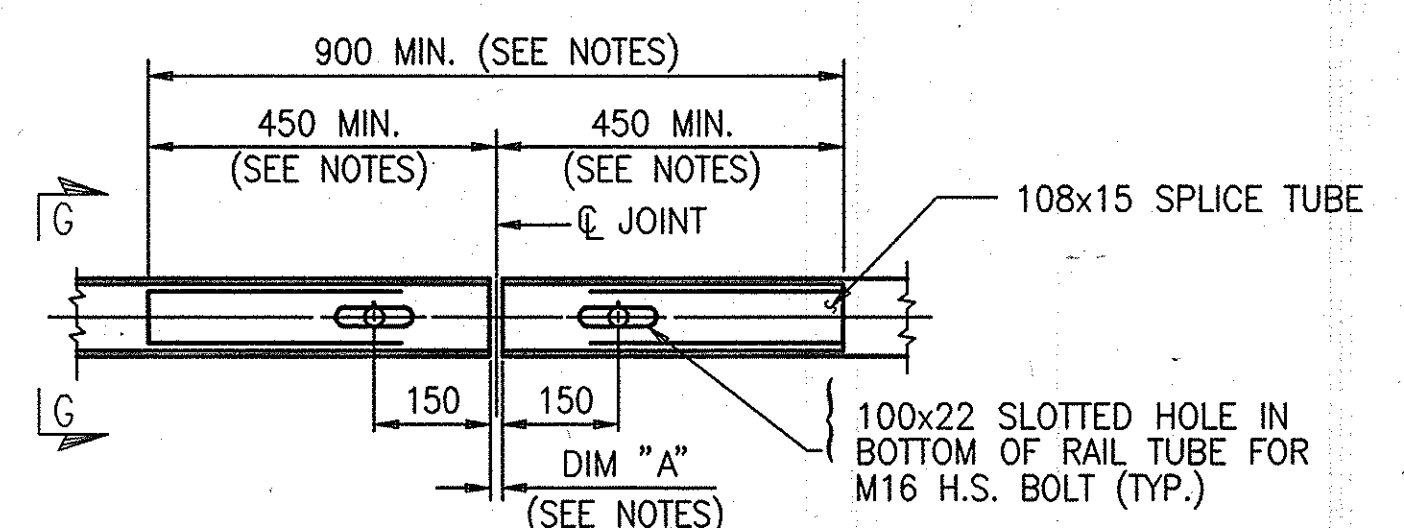


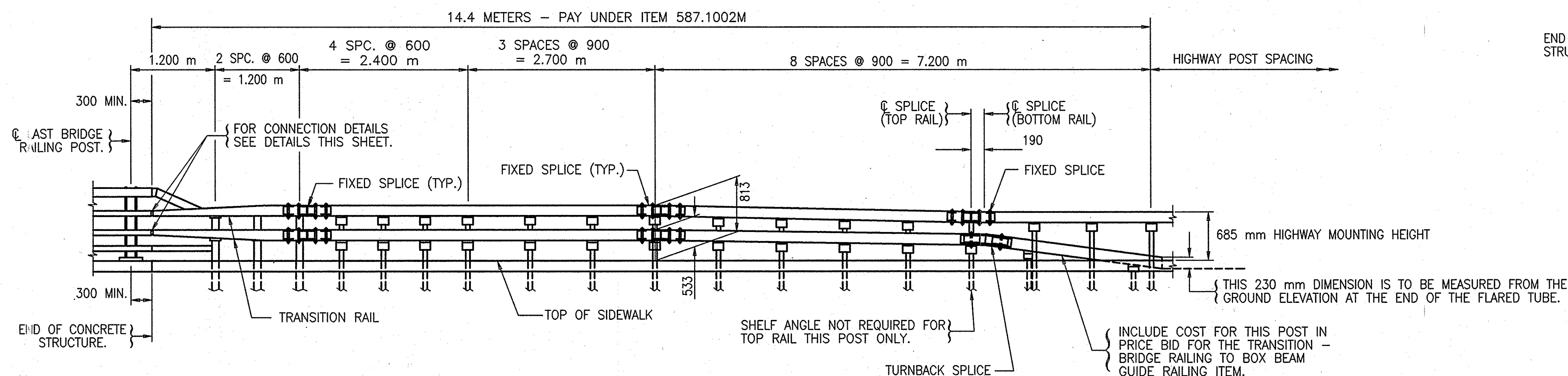
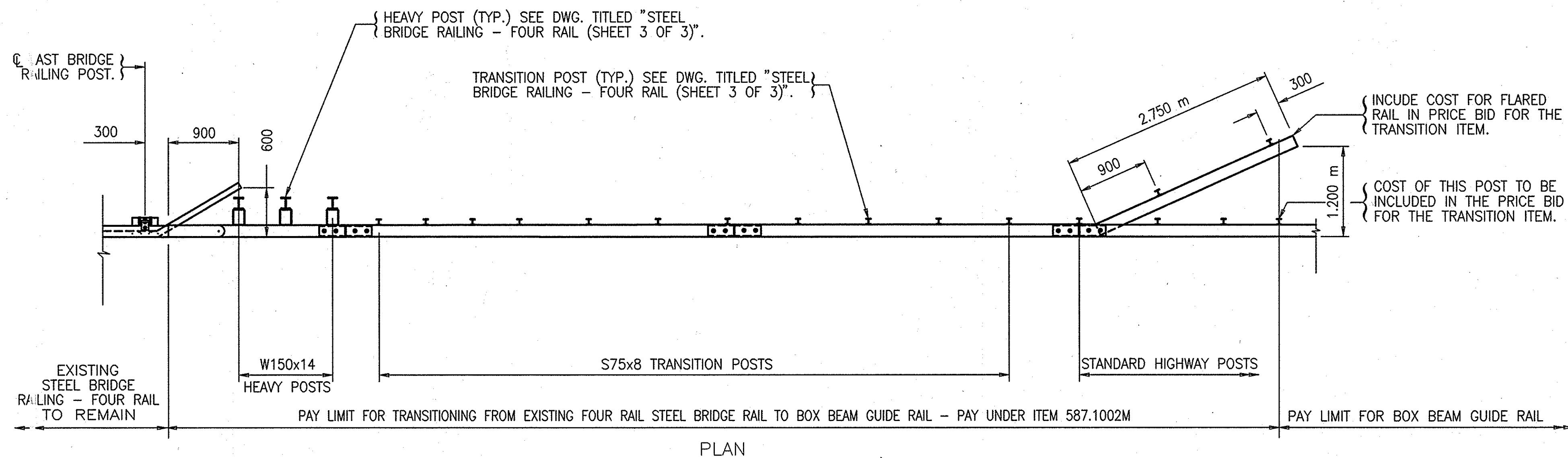
TABLE A			
TUBE SIZE	DIM "A"	DIM "B"	FILL PLATE
127x76x6.4	SEE NOTES	900 MIN	100x70x6 *
76x76x8	SEE NOTES	450 MIN	100x90x20 **

* FOR A36M

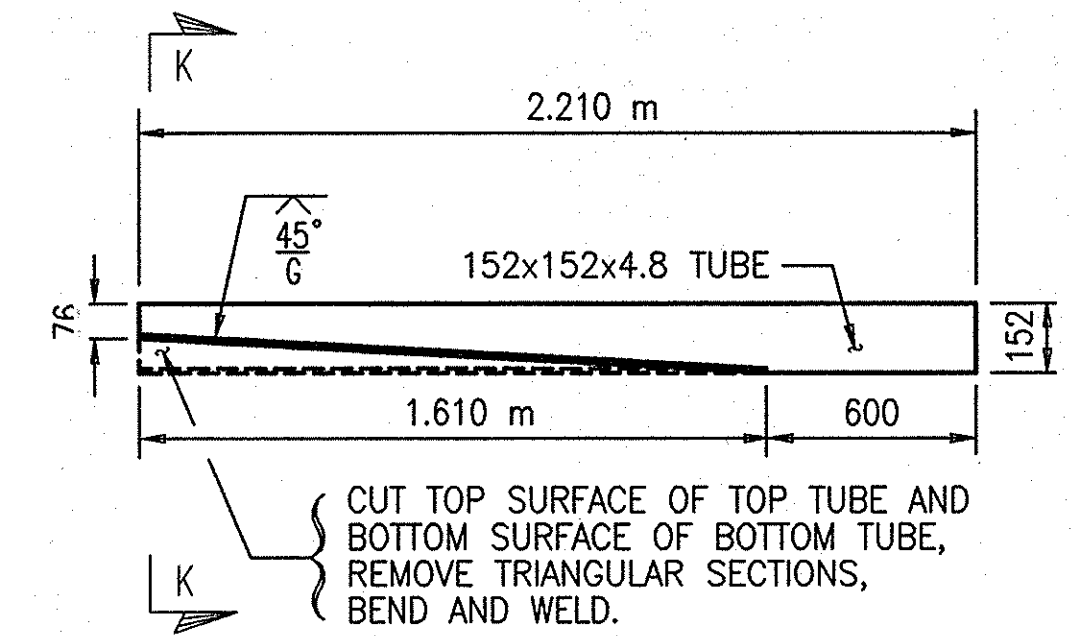
** FOR A588M OR A572M

2007 11-1	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209 TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK LOCATION OF PROJECT SYRACUSE DIVISION MP 253.5 TO MP 240.9 TITLE OF DRAWING STEEL 4-RAIL BRIDGE RAIL			
CONTRACT NUMBER:		TAS 06-38	
DATE:		7/3/06	
DRAWING NUMBER:		MD-9	

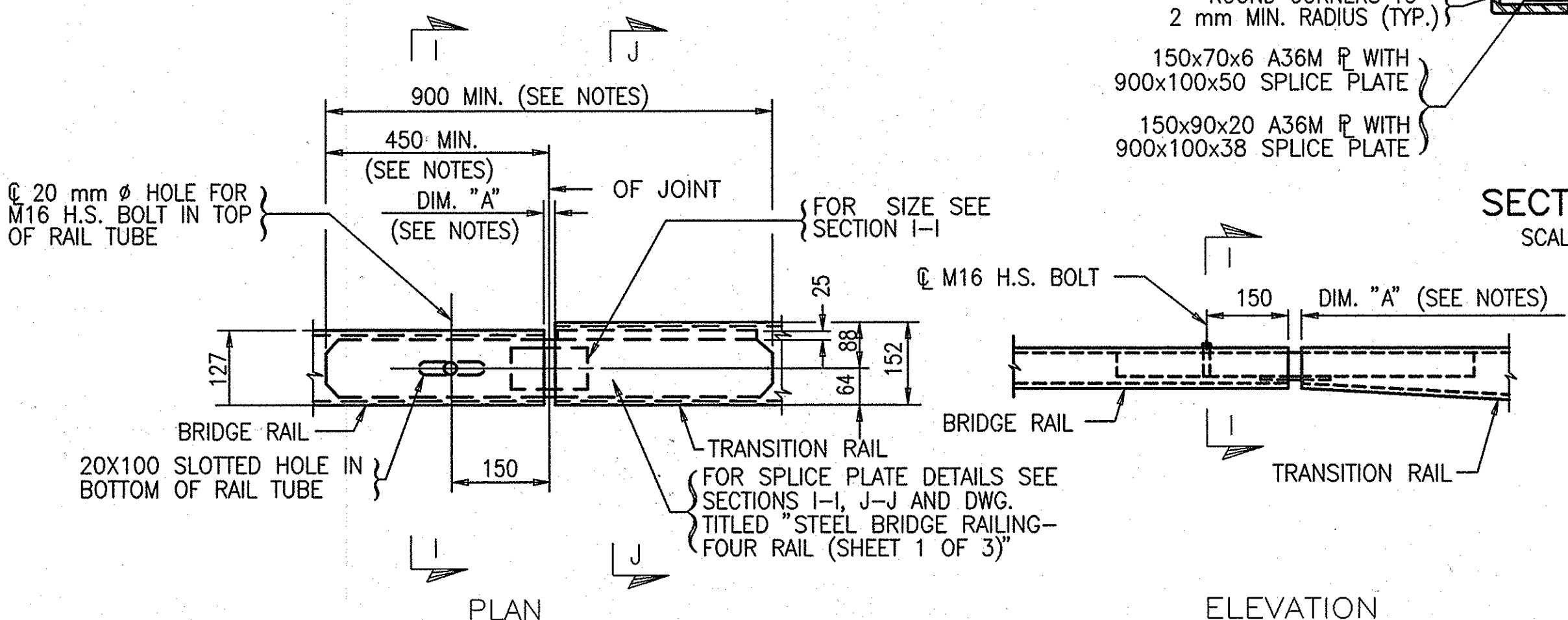




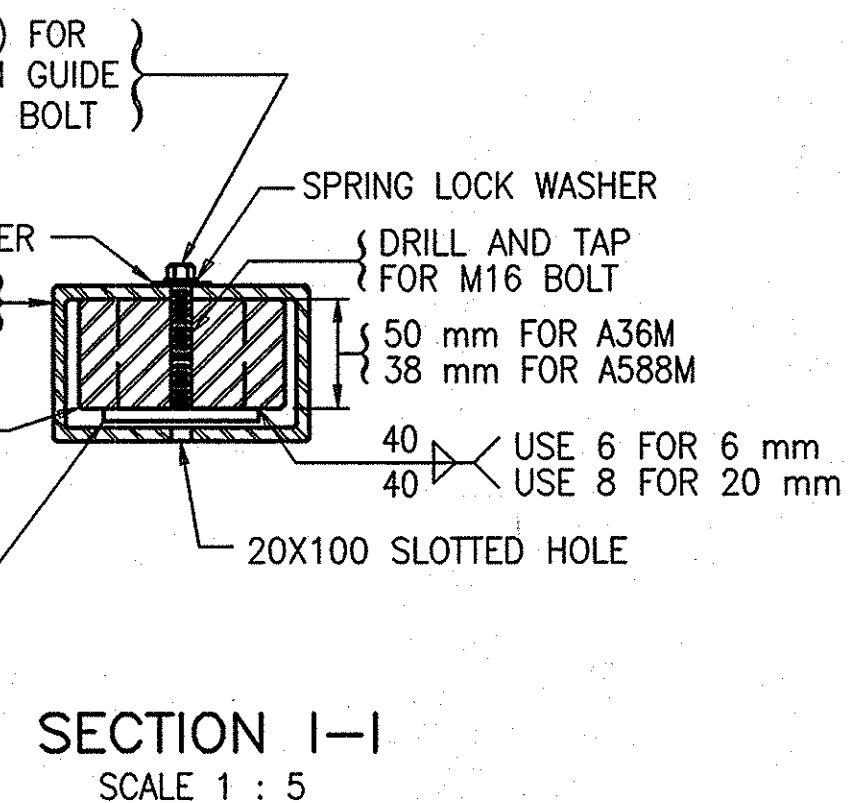
STEEL BRIDGE RAILING TO BOX BEAM GUIDE RAIL TRANSITION
SCALE 1 : 40



ELEVATION LOWER TRANSITION RAIL
(UPPER TRANSITION RAIL SIMILAR)
SCALE 1 : 20



LOWER BRIDGE RAIL TO LOWER TRANSITION RAIL CONNECTION
(UPPER BRIDGE RAIL TO UPPER TRANSITION RAIL CONNECTION SIMILAR)
SCALE 1 : 10



NOTES:

DIMENSION "A" FOR SPLICE JOINT:

(1.) 25 mm

DIMENSION "A" FOR EXPANSION JOINT:

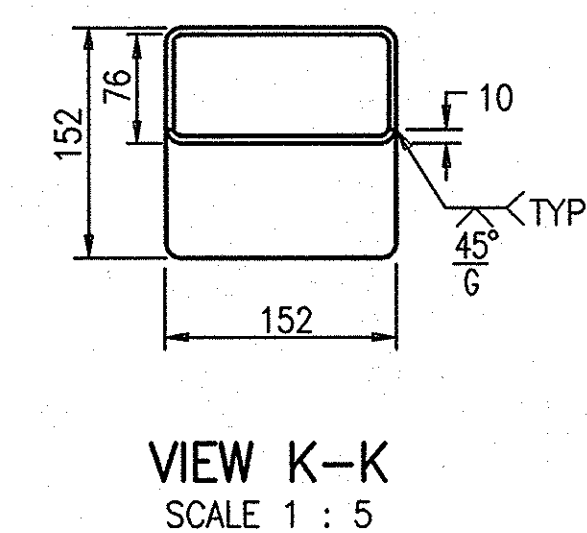
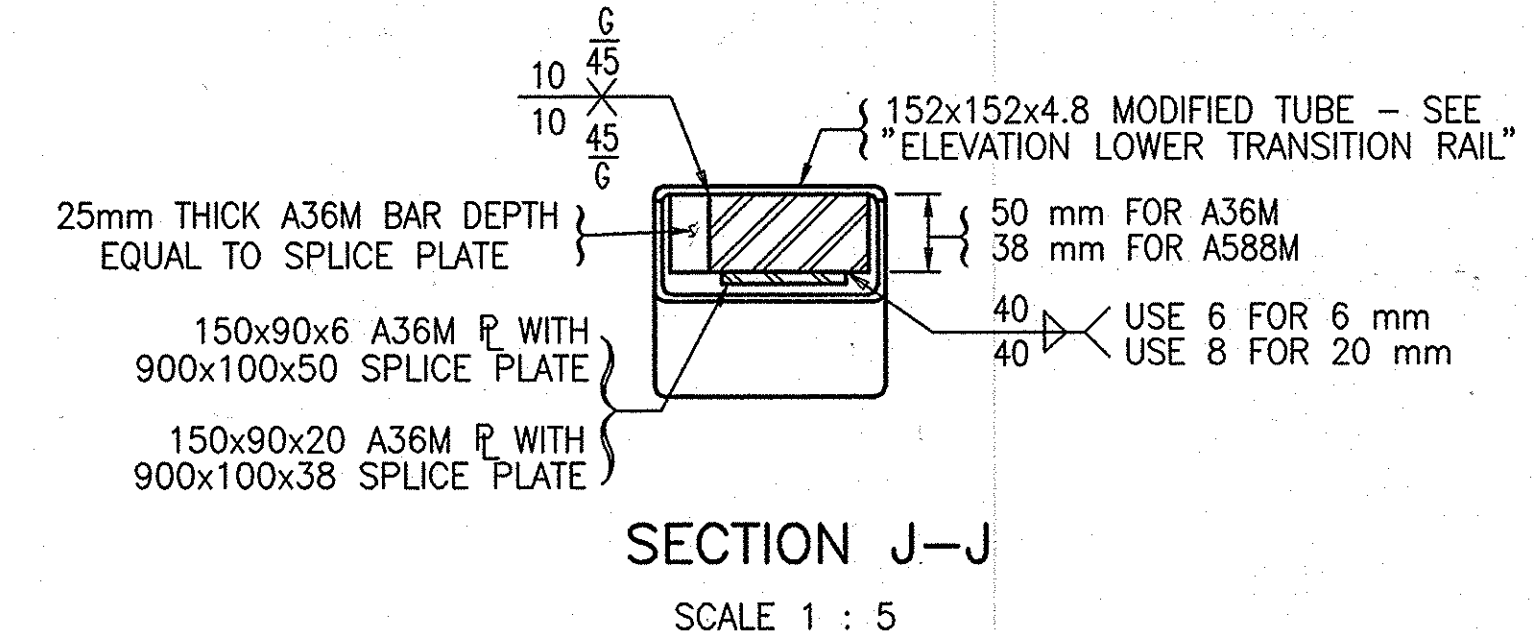
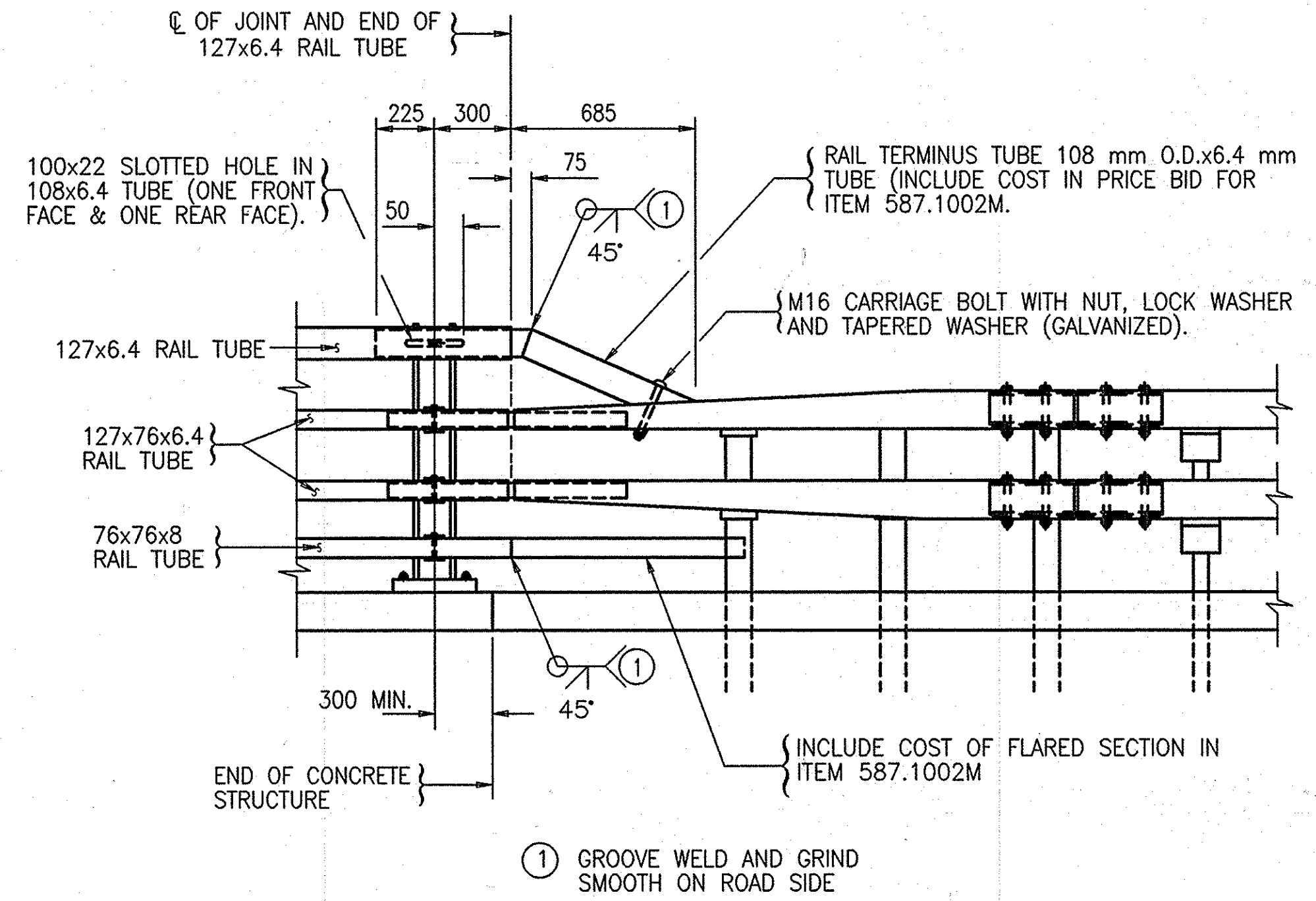
(1.) 25 mm


(2.) LONGITUDINAL DECK OPENING + 7 mm

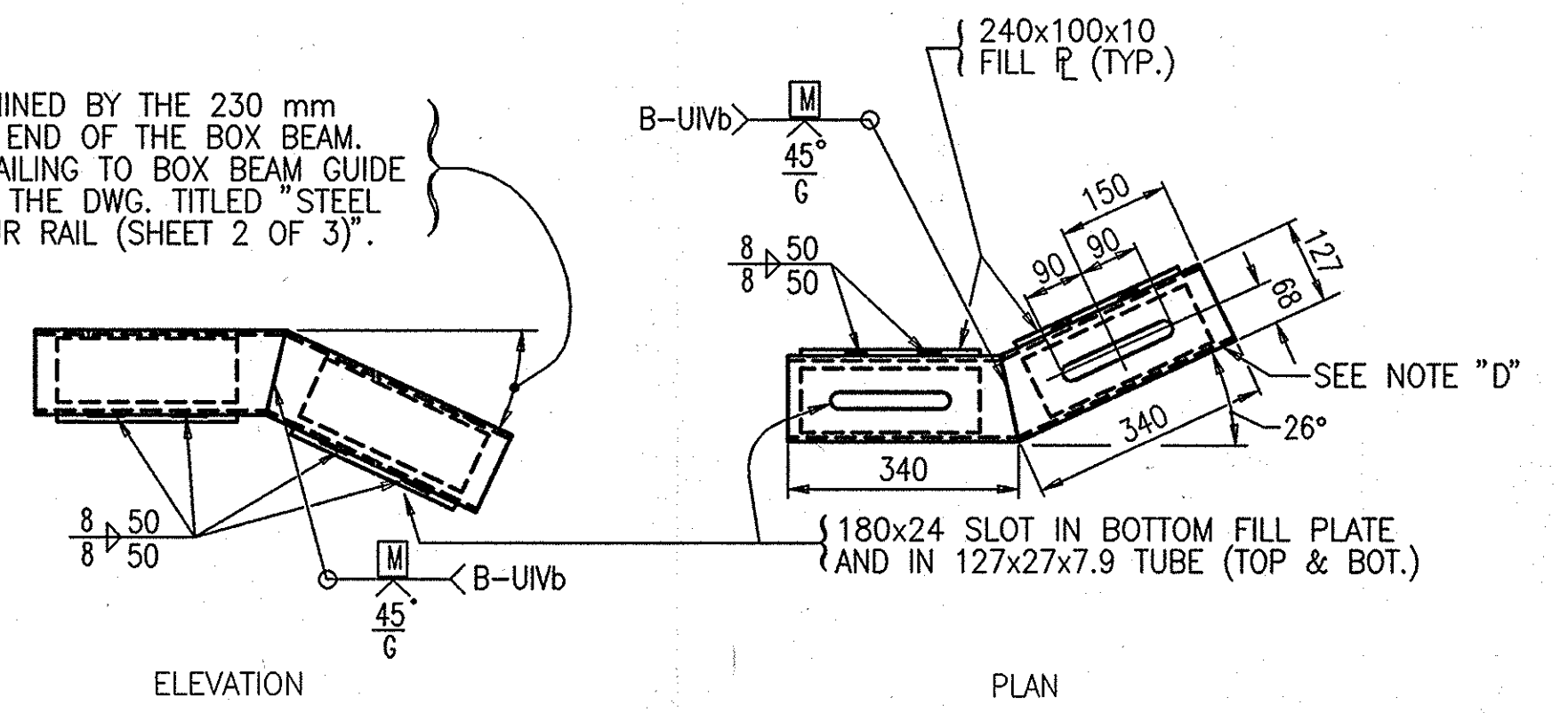
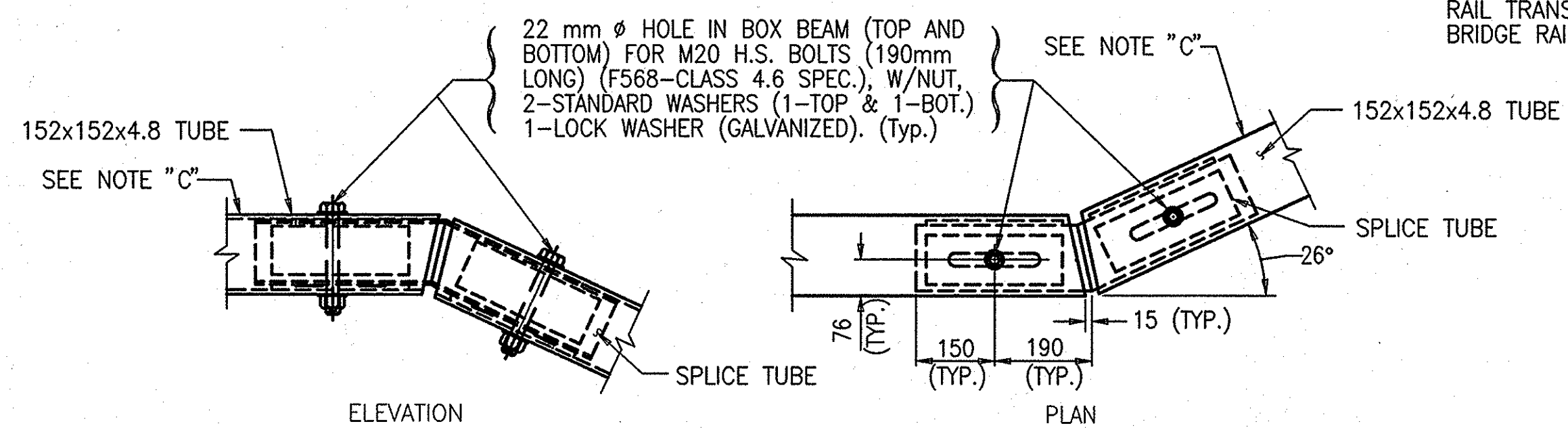
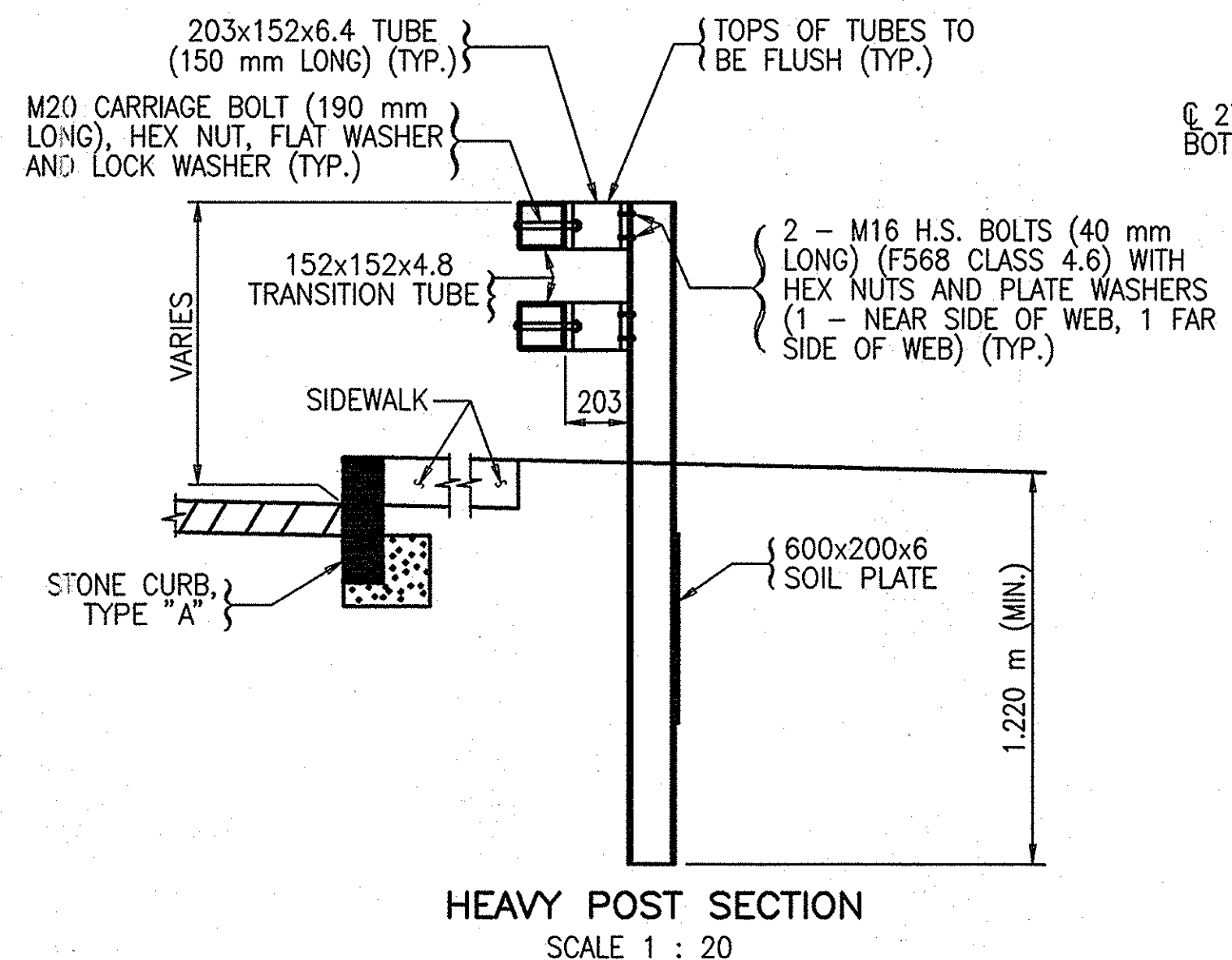
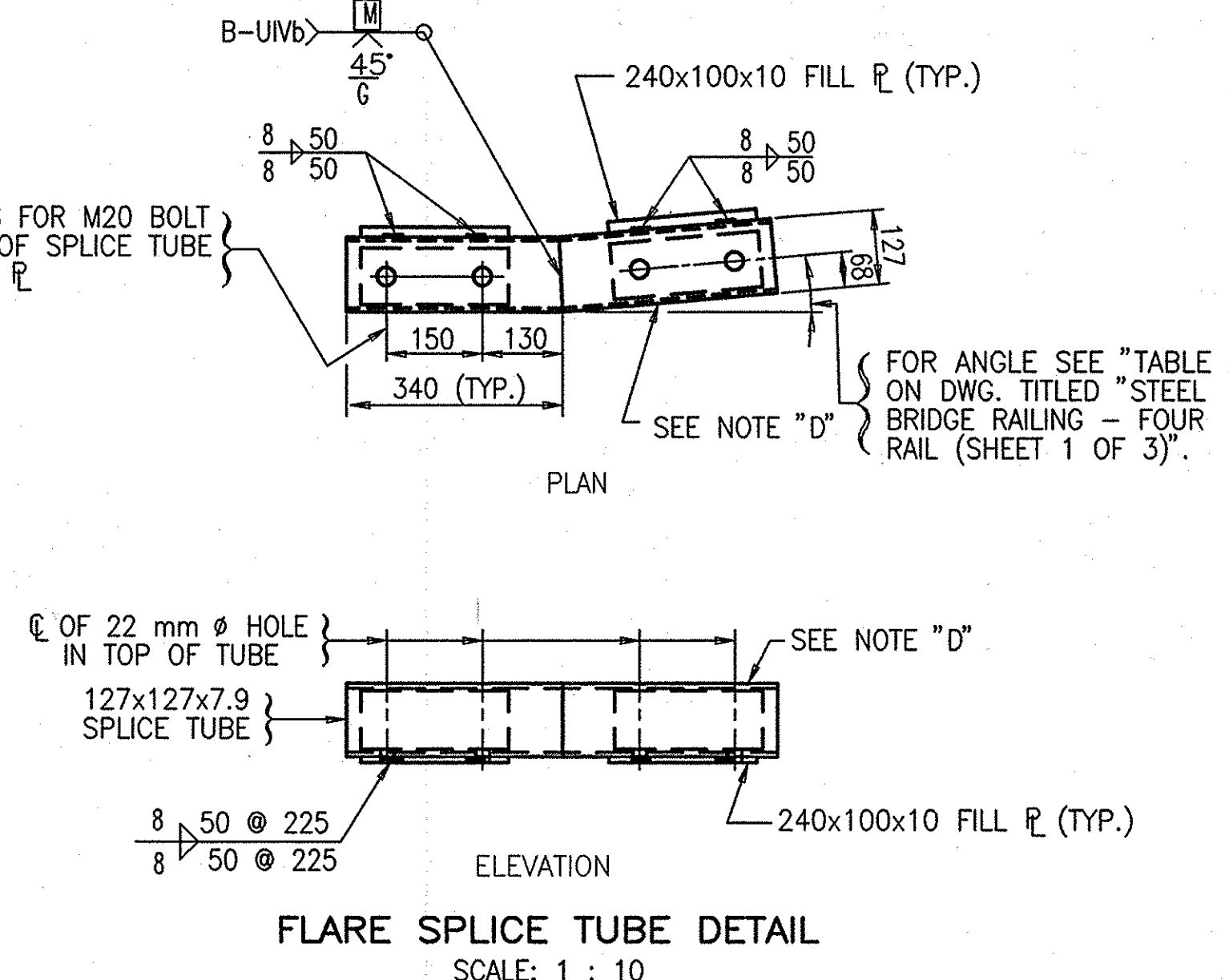
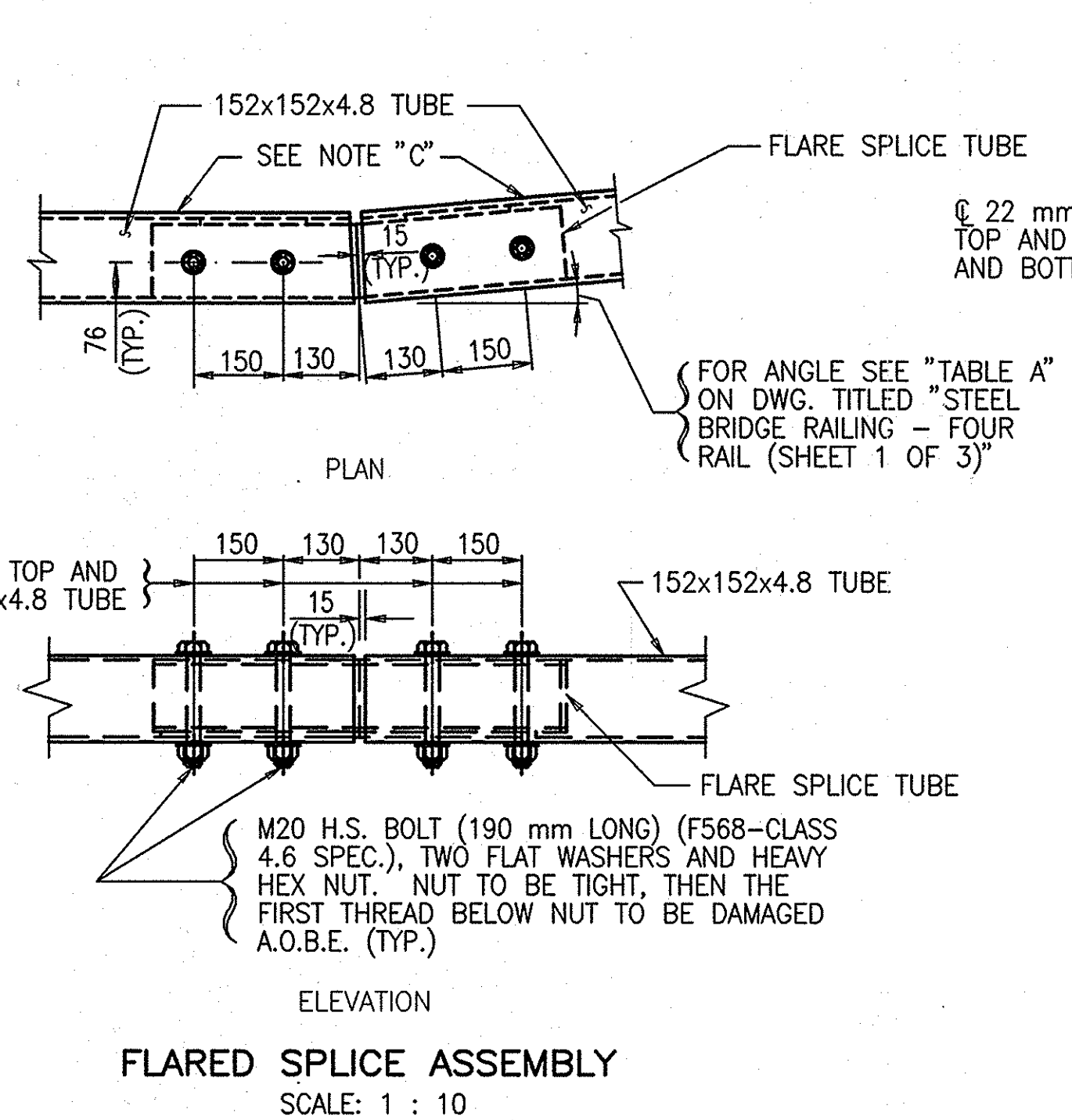
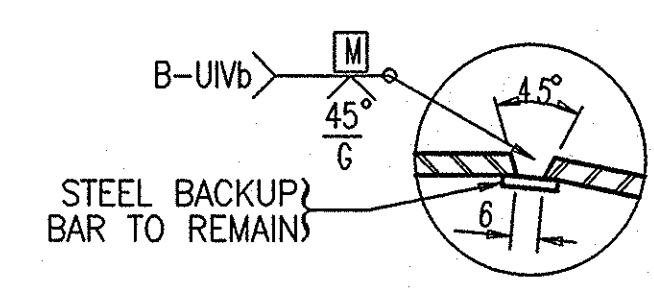
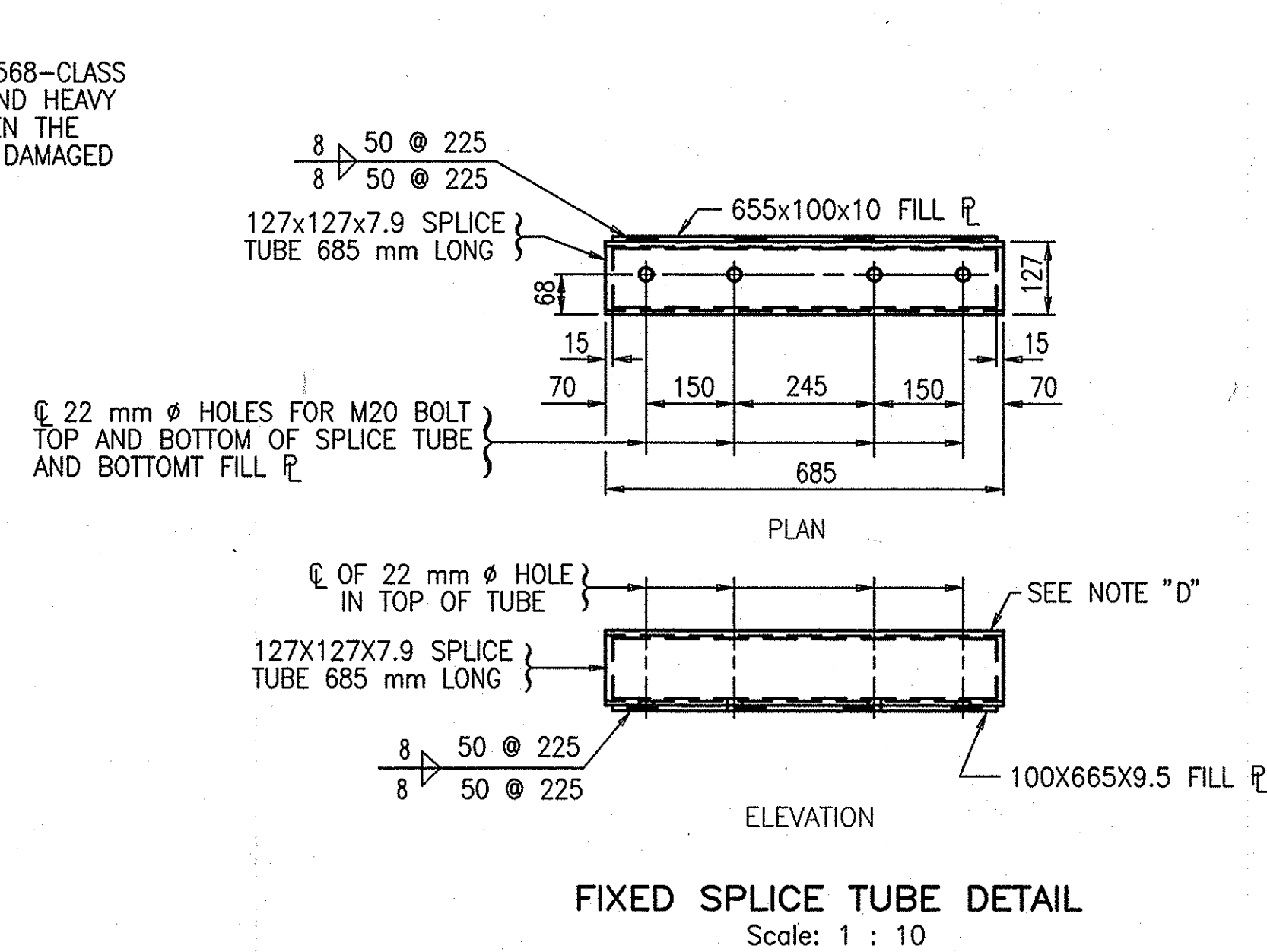
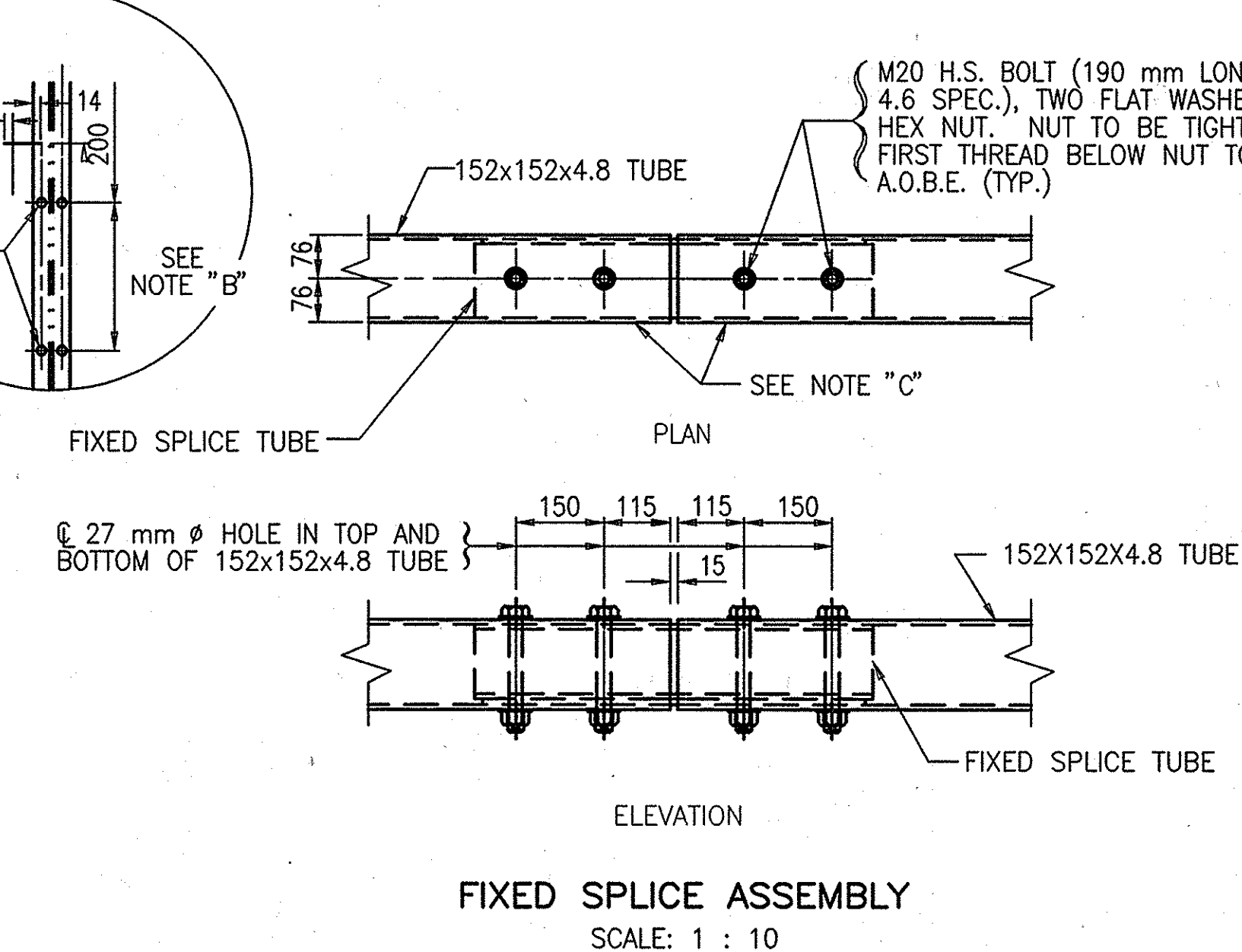
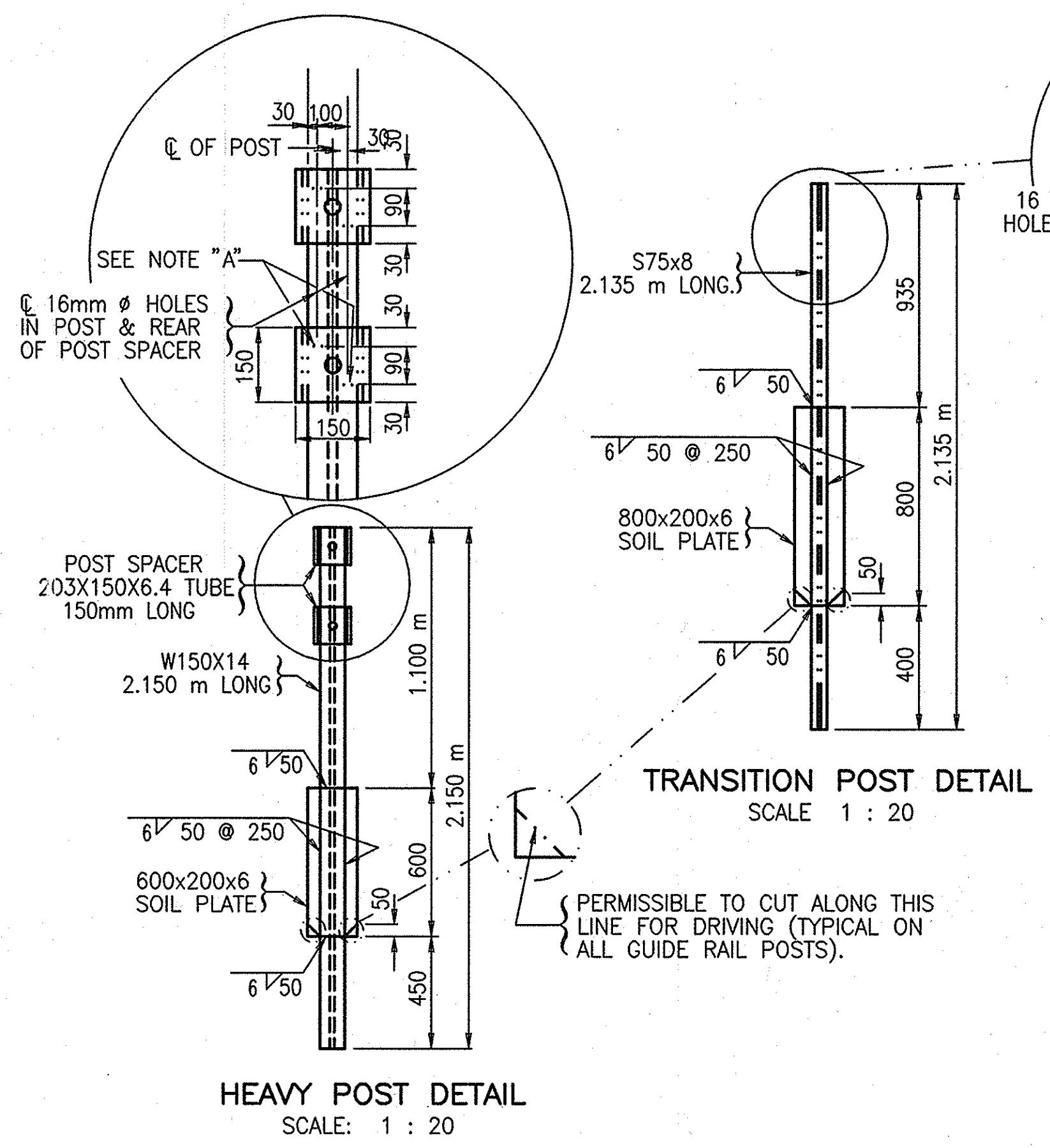
IF AN EXPANSION CAPACITY GREATER THAN 150 mm IS REQUIRED, INCREASE THE SPLICE LENGTH TO 900 mm + ("A" - 150 mm).

FOR FIXED SPLICE DETAILS AND TURNBACK SPLICE DETAILS SEE DWG. TITLED "STEEL BRIDGE RAIL - FOUR RAIL (SHEET 3 OF 3)".

ALL DIMENSIONS ARE SHOWN IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.



page 11-1	NO AS BUILT REVISIONS	Handwritten signature	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO 240.9			
TITLE OF DRAWING STEEL BRIDGE RAIL FOUR RAIL (SHEET 2 OF 3)			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 6/14/06	
		DRAWING NUMBER: MD-10	



NOTES:

ALL STEEL SHALL BE GALVANIZED AFTER WELDING IN ACCORDANCE WITH N.Y.S. STANDARD SPECIFICATION SUBSECTION 719-01.

NOTE "A"

HOLES IN THE POST FOR THE LOWER POST SPACER MAY BE DRILLED IN THE FIELD. IF SO, THE GALVANIZING SHALL BE REPAIRED IN ACCORDANCE WITH SUBSECTION 719-01 OF THE N.Y.S. STANDARD SPECIFICATION.

NOTE "B"

HOLES IN THE POST FOR THE LOWER RAIL MAY BE LOCATED AND DRILLED IN THE FIELD. IF SO, THE GALVANIZING SHALL BE REPAIRED IN ACCORDANCE WITH SUBSECTION 719-01 OF THE N.Y.S. STANDARD SPECIFICATION.

NOTE "C"

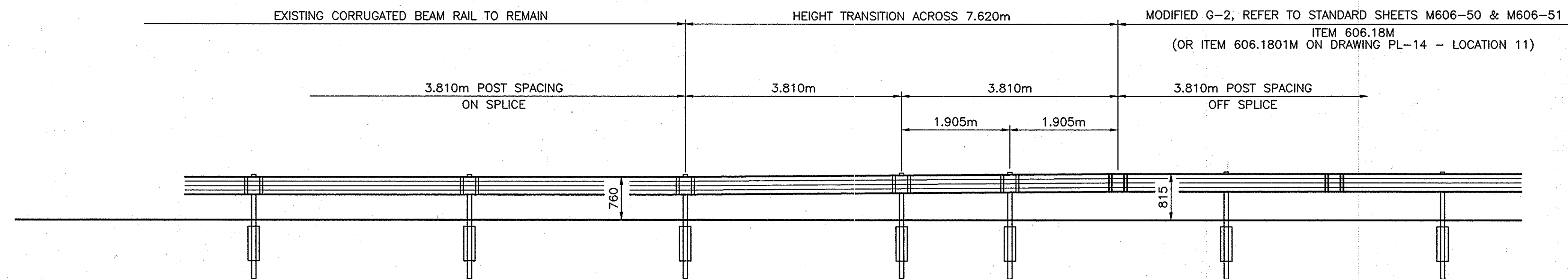
PROTRUSIONS CAUSED BY WELDING OR GALVANIZING ARE NOT PERMITTED ON THE INSIDE WALLS OF THE SPLICE AREA.

NOTE "D"

PROTRUSIONS CAUSED BY WELDING OR GALVANIZING ARE NOT PERMITTED ON THE OUTSIDE WALLS OF THE SPLICE TUBE AND THE OUTSIDE SURFACES OF THE FILL PLATES.

11-1	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO 240.9			
TITLE OF DRAWING STEEL BRIDGE RAIL FOUR RAIL (SHEET 3 OF 3)			
	CONTRACT NUMBER: TAS 06-38		
	DATE: 6/12/06		
	DRAWING NUMBER: MD-11		

ALL DIMENSIONS ARE SHOWN IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

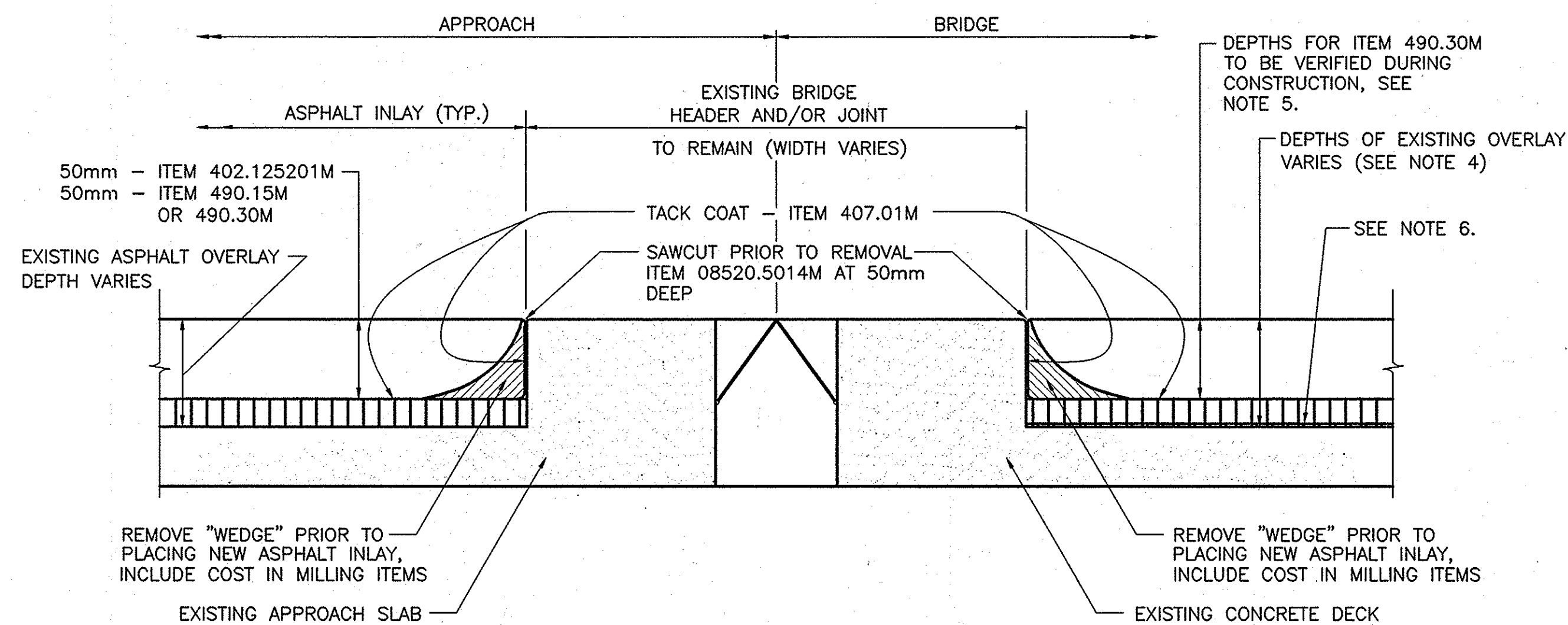


TRANSITION DETAIL
MODIFIED G-2 WEAK POST CORRUGATED BEAM TO EXISTING WEAK POST CORRUGATED BEAM GUIDE RAIL
N.T.S.

NOTES:

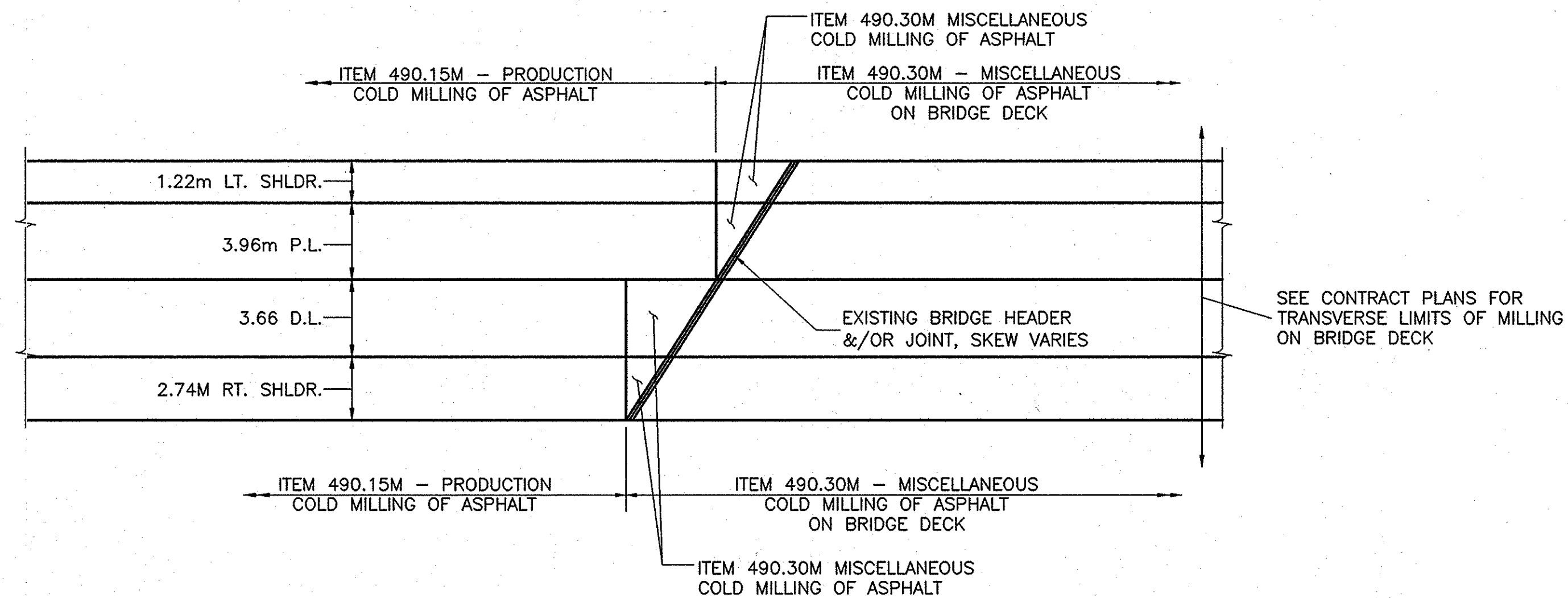
1. TRANSITION FROM MODIFIED G-2 TO WEAK POST CORRUGATED SHALL BE CONSTRUCTED WITH NEW RAIL AND POSTS. POST SPACINGS SHALL BE AS INDICATED ABOVE. COST OF CONSTRUCTING TRANSITION TO BE INCLUDED UNDER ITEM 606.18M (OR ITEM 606.1801M.)

2006 11-1	NO AS BUILT REVISIONS	Santha Sam	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO MP 240.9			
TITLE OF DRAWING MISCELLANEOUS GUIDERAIL DETAILS			
	CONTRACT NUMBER: TAS 06-38		
	DATE: 9/5/06		
	DRAWING NUMBER: MD-12		



ASPHALT PAVEMENT REBATE FOR BRIDGE JOINTS

N.T.S.



TYPICAL BRIDGE JOINT MILLING OPERATION

N.T.S.

BRIDGE DESCRIPTION TABLE					
BIN NUMBER	MILEPOST	DESCRIPTION	SKEW ANGLE	APPROX. DEPTH OF EXISTING OVERLAY	WORK DESCRIPTION
5513069	240.80	ORISKANY CREEK	45°	N/A	NO WORK—EITHER DIRECTION
5009929	238.22	RT 69— ORISKANY BLVD.	1°	102mm	MILL & PAVE 50mm EASTBOUND ONLY
5512999	238.09	MAIN ST. & NYCRR	0	N/A	NO WORK—EITHER DIRECTION
5513009	237.33	MOHAWK RIVER	0	102mm	MILL & PAVE 50mm BOTH DIRECTIONS
4426299	237.13	BARGE CANAL	26°	N/A	NO WORK—EITHER DIRECTION
5513019	236.88	CO. RD 107 MOHAWK STREET	15°	51mm	MILL & PAVE 40mm EASTBOUND ONLY

ONLY AT GRADE STRUCTURES ARE SHOWN IN THE ABOVE TABLE.

NOTES:

- TACK COAT (ITEM 407.01M) VERTICAL SURFACES IN ALL CASES.
- SAWCUT, MILL AND INLAY, AND TACK COAT BOTH SIDES OF BRIDGE JOINTS.
- SEE BRIDGE SKEW TABLE FOR EXISTING SKEW ANGLE.
- THE ABOVE DETAIL IS INTENDED TO IDENTIFY EXISTING BRIDGE JOINTS AND CONCRETE HEADERS AND TO IDENTIFY ADDITIONAL REQUIREMENTS ASSOCIATED WITH ITEMS 490.15M, 490.30M AND 08520.5014M. THE DETAIL IS NOT INTENDED TO IDENTIFY THE EXACT DEPTH OF MILLING (ITEMS 490.15M & 490.30M) AND INLAY REQUIRED (ITEM 402.125201M) ON THE ABOVE NOTED STRUCTURES.
- TEST SAMPLES ARE TO BE CUT FROM THE EXISTING OVERLAY ON THE STRUCTURES TO VERIFY THE DEPTH OF THE OVERLAY. A MINIMUM OF ONE SAMPLE IS TO BE TAKEN FROM EACH LANE ON EACH SPAN. THE SIZE OF THE SAMPLE IS TO BE DETERMINED BY THE CONTRACTOR, BUT SHALL BE NO LESS THAN 0.05m² AND NO GREATER THAN 1m². THE SAMPLE MAY BE EXTRACTED BY SAWCUTTING, JACK HAMMER OR ANOTHER METHOD APPROVED BY THE ENGINEER. THE COST OF EXTRACTING THE TEST SAMPLES, INCLUDING ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 490.30M.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MINIMIZE ANY DAMAGE TO THE EXISTING WATERPROOF MEMBRANE ON THE STRUCTURES. THE PURPOSE OF THE TEST SAMPLES DESCRIBED IN NOTE 5 IS TO MAKE THE CONTRACTOR AWARE OF THE DEPTH OF THE EXISTING OVERLAY SO THAT THE MILLING DEPTH CAN BE ADJUSTED ACCORDINGLY. ANY DAMAGE TO THE EXISTING WATERPROOF MEMBRANE SHALL BE REPAIRED, ABOVE THE COST OF REPAIRING THE WATERPROOF MEMBRANE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 490.30M. IF THE TEST SAMPLES REVEAL THAT THE DEPTH OF THE EXISTING ASPHALT ON TOP OF THE EXISTING WATERPROOF MEMBRANE ON ANY STRUCTURE IS LESS THAN ADEQUATE, THEN MILL AND INLAY WORK ON THAT STRUCTURE MAY BE DELETED FROM THE CONTRACT AT THE ENGINEER'S DISCRETION.

ITEM 402.125201M - 12.5mm F2 SUPERPAVE HMA, 50 SERIES

ITEM 407.01M - TACK COAT

ITEM 490.15M - PRODUCTION COLD MILL SURFACE PLANING OF BITUMINOUS CONCRETE

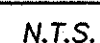
ITEM 490.30M - MISCELLANEOUS COLD MILLING OF ASPHALT

ITEM 08520.5014M - SAW CUT ASPH. PAVEMENT, CONC. PAVEMENT AND ASPHALT OVERLAY ON CONC. PAVEMENT

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

11-1	NO AS BUILT REVISIONS	Sanchez	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION M.P. 233.5 TO M.P. 240.9			
TITLE OF DRAWING MISC. DETAILS— BRIDGE JOINT DETAILS			
CONTRACT NUMBER: TAS 06-38		DATE: 8/24/06	
DRAWING NUMBER: MD-13			

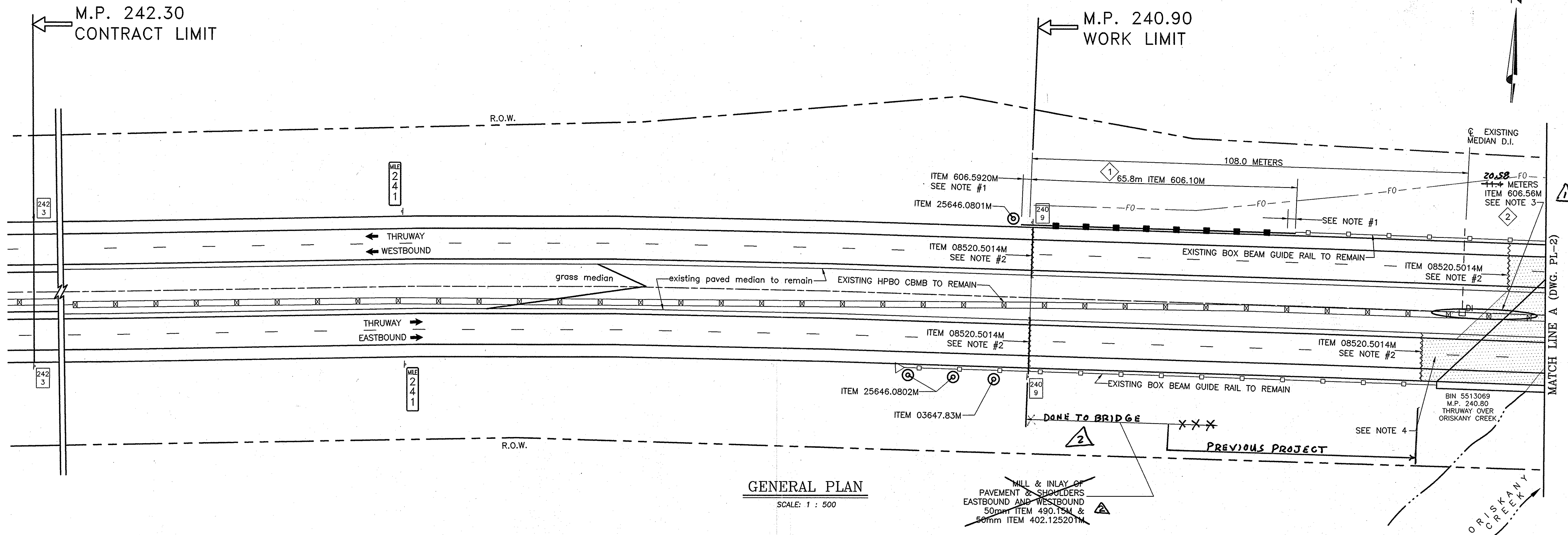
IN CHARGE OF: A. MASTROIANNI



N.T.S.

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

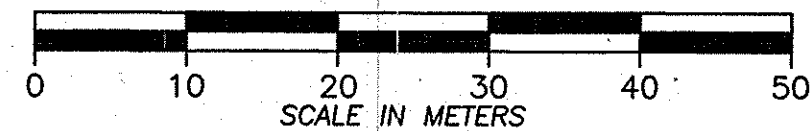
2007 11-1	NOR'S BUILT REVISIONS	Sanchez/Leo	
DATE	DESCRIPTION	BY	S
REVISIONS			
NEW YORK STATE THURWAY DEPARTMENT OF ENGINEERING AND 200 SOUTHERN BLVD., ALBANY,	THORIT MAINTENANCE 12209		
TITLE OF PROJECT MILL & LAY, IR SAFETY IM AND MISCELLANEOUS		OVEMEN WORK	
LOCATION	SUBJECT SYRACUSE DIVISIC MP 233.5 TO MP 240.9		
TITLE OF DRAWING			
MISC. DETAILS			
		CONTRACT NUMBER:	TAS 06-38
		8/28/06	
		NUMBER:	MD-14



GENERAL PLAN

SCALE: 1 : 500

ITEM LIST:
 ITEM 402.125201M - 12.5mm F2 SUPERPAVE HMA, 50 SERIES
 ITEM 490.15M - PRODUCTION COLD-MILL SURFACE PLANING OF BITUMINOUS CONCRETE
 ITEM 08520.5014M - SAW CUTTING ASPHALT PAVEMENT, CONC. PAVEMENT, OR ASPH. OVERLAY ON CONC PAVT.
 ITEM 606.10M - BOX BEAM GUIDE RAILING
 ITEM 606.56M - RESETTING HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.5920M - RESETTING BOX BEAM GUIDE RAILING END ASSEMBLY
 ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
 ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
 ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS



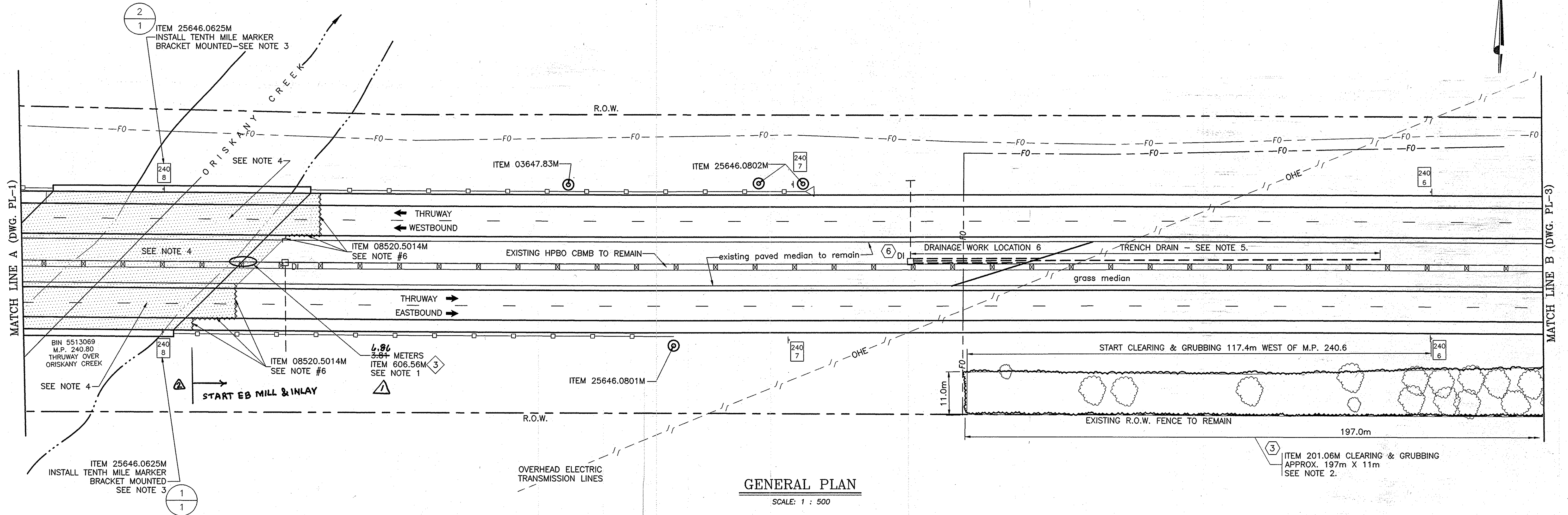
NOTES:

- 1) REMOVE BOX BEAM END ASSEMBLY FROM EXISTING LOCATION AND RESET IT AT WESTBOUND RIGHT MILEPOST 240.90 AS SHOWN.
- 2) SEE "ASPHALT PAVEMENT REBATE" DETAIL ON DRAWING TS-1.
- 3) SEE DETAIL ON DRAWING MD-2 FOR POSTS TO BE REMOVED, POSTS WITH BASE PLATES, AND SPECIAL POST SPACING REQUIRED AT BRIDGE JOINT.
- 4) EXISTING BRIDGE DECK AND PORTLAND CEMENT CONCRETE APPROACHES TO REMAIN.
THERE IS NO PAVING WORK ON THIS BRIDGE

NOTE:
 ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
 UNLESS OTHERWISE NOTED. ALL ELEVATIONS
 ARE SHOWN IN METERS.

- # - DRAINAGE / GRADING
 WORK LOCATION NUMBER
 # - GUIDE RAIL IMPROVEMENT
 LOCATION NUMBER

2009 11-1	REVISED OR LENGTH	Handwritten	⚠
2009 11-1	CHANGED PAVING LIMITS	Handwritten	⚠
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	9/11/06
		DRAWING NUMBER:	PL-1

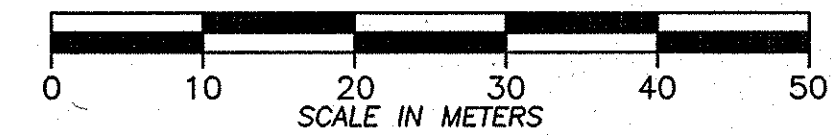


NOTES:

- 1) SEE DETAIL ON DRAWING MD-2 FOR SPECIAL POST SPACING REQUIRED AT BRIDGE JOINT.
- 2) COMPLETELY CLEAR & GRUB (ALL SUMACS, TREES, BRUSH, SHRUBS) UP TO EXISTING RIGHT-OF-WAY FENCE. ALL STUMPS SHALL BE CHIPPED OUT TO A DEPTH OF 150mm BELOW EXISTING GRADE. PLACE 75mm TOPSOIL AND ESTABLISH TURF, ITEMS 613.0101M & 610.0203M.
- 3) SEE SIGN TEXT DATA SHEET AND DRAWING DMM-1.
- 4) EXISTING BRIDGE DECK AND PORTLAND CEMENT CONCRETE APPROACHES TO REMAIN.
THERE SHALL BE NO PAVING WORK ON THIS BRIDGE
- 5) DRAINAGE WORK LOCATION 6 - INSTALL 118.8 METERS TRENCH DRAIN - SEE DRAWING DD-2.
- 6) SEE "ASPHALT PAVEMENT REBATE" DETAIL ON DRAWING TS-1.

— DRAINAGE / GRADING
WORK LOCATION NUMBER
— GUIDE RAIL IMPROVEMENT
LOCATION NUMBER

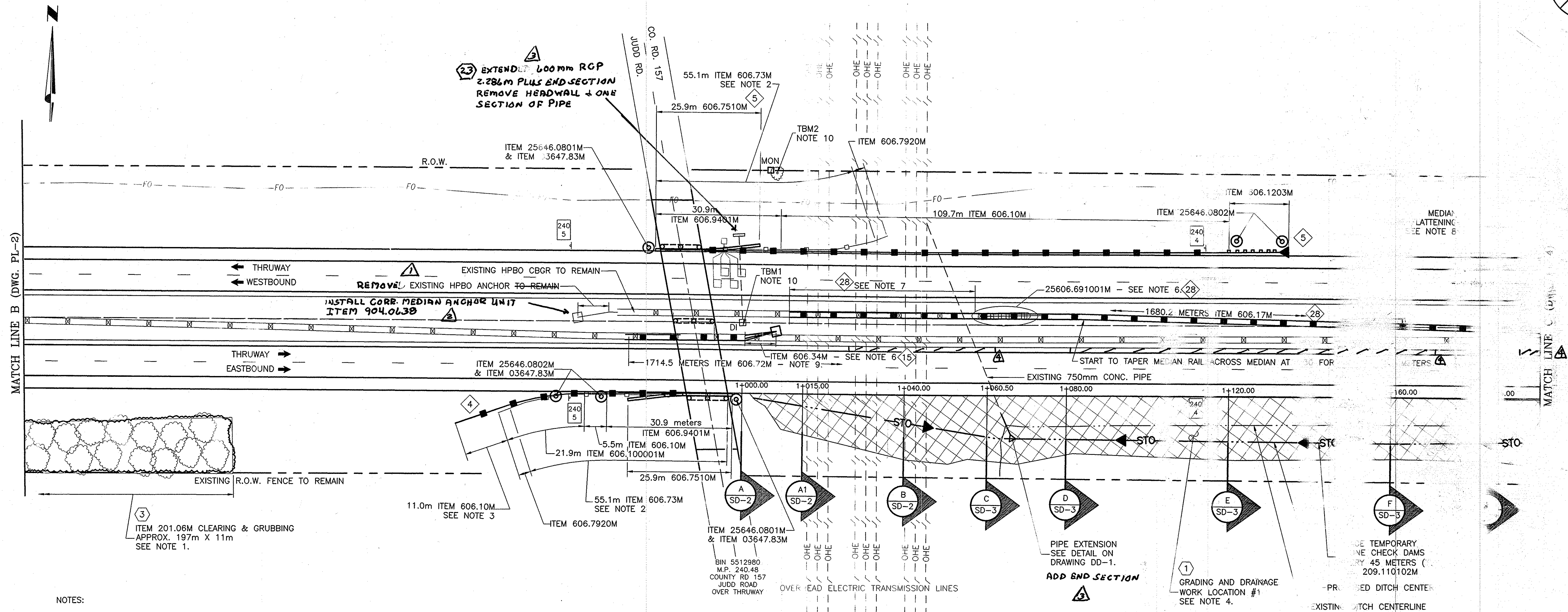
LL LOCATION }
TT TEXT } NEW SIGN



ITEM LIST:
ITEM 201.06M - CLEARING & GRUBBING
ITEM 08520.5014M - SAW CUTTING ASPHALT PAVEMENT, CONC. PAVEMENT, OR ASPH. OVERLAY ON CONC PAVT.
ITEM 606.56M - RESETTING HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
ITEM 25646.0625M - INSTALL TENTH MILE MARKERS
ITEM 610.0203M - ESTABLISHING TURF
ITEM 613.0101M - TOPSOIL
ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS

2007 11-1	CHANGED GR. LENGTH	Sandra J. J.	Δ
2007 11-30	CHANGED PAVING LIMITS	Sandra J. J.	Δ
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 6/8/06	
		DRAWING NUMBER: PL-2	

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

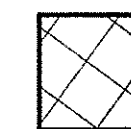
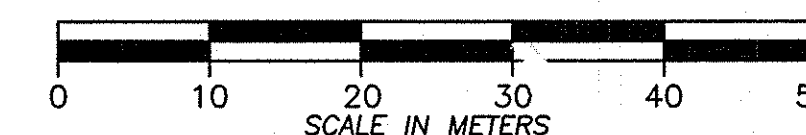


GENERAL PLAN

SCALE: 1 : 500

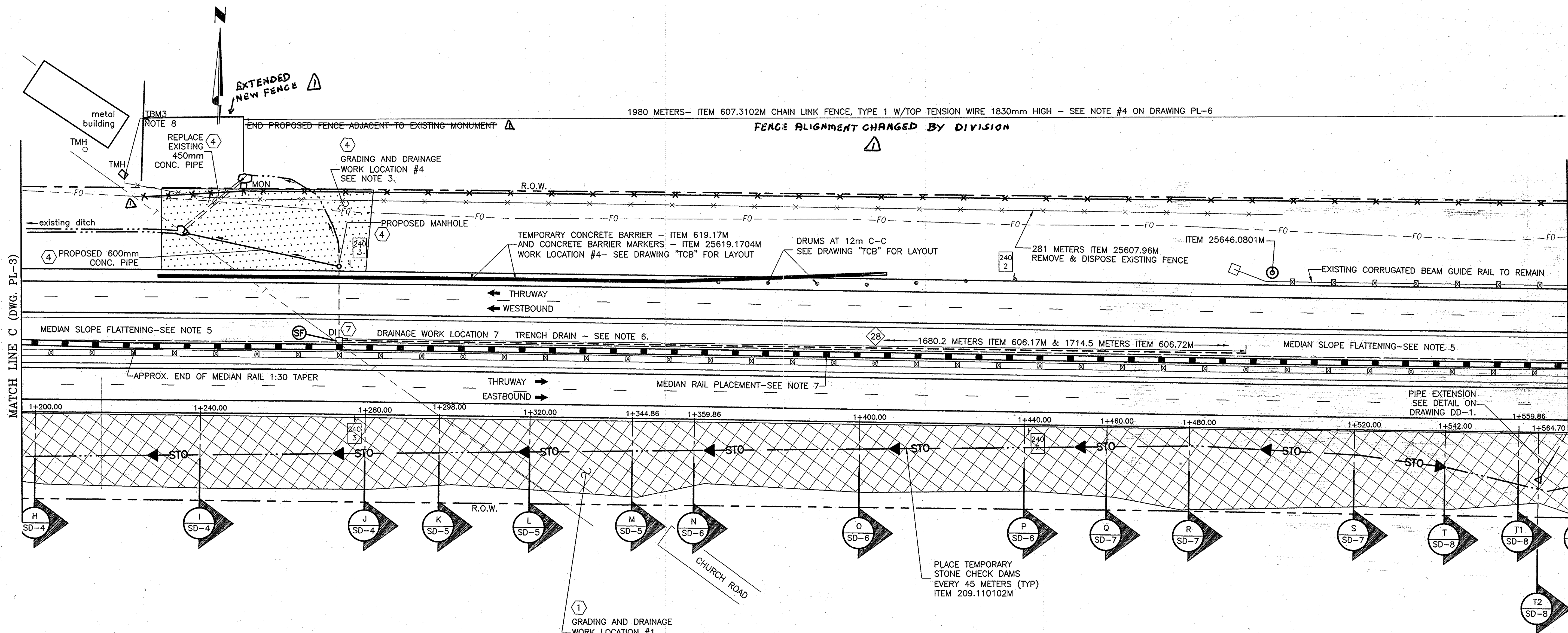
ITEM LIST:

ITEM 201.06M - CLEARING AND GRUBBING
 ITEM 209.110102M - TEMP. STONE CHECK DAMS
 ITEM 606.10M - BOX BEAM GUIDE RAILING
 ITEM 606.100001M - BOX BEAM GUIDE RAILING (SHOP CURVED)
 ITEM 606.1203M - BOX BEAM END ASSEMBLY- TYPE III
 ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.34M - ANCHORAGE UNIT FOR HEAVY POST BLOCKED OUT CORRUGATED BEAM GUIDE RAIL
 ITEM 25606.691001M - REMOVING & STORING END TERMINAL FOR H.P.B.O. CORR. BEAM GUIDE RAIL & MEDIAN BARRIER
 ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.73M - REMOVING & DISPOSING BOX BEAM GUIDE RAILING
 ITEM 606.7510M - REMOVING & DISPOSING CONCRETE BARRIER-HALF SECTION
 ITEM 606.7910M - REMOVING & DISPOSING ANCHORAGE UNITS FOR CORR. BEAM GUIDE RAIL & MEDIAN BARRIER
 ITEM 606.7920M - REMOVING & DISPOSING BOX BEAM GUIDE RAILING END ASSEMBLY
 ITEM 606.9401M - PIER PROTECTION (ONE WAY)
 ITEM 610.0203M - ESTABLISHING TURF
 ITEM 613.0101M - TOPSOIL
 ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
 ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
 ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS

LIMITS OF GRADING FOR
WORK LOCATION NUMBER 1DRAINAGE GRADING
WORK LOCATION NUMBERGUIDE RAIL IMPROVEMENT
LOCATION NUMBER

NOTE:
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 UNLESS OTHERWISE NOTED. ALL ELEVATIONS
 ARE SHOWN IN METERS.

2007 11-1	REVISED GR NOTE	Sanchez	1
2007 11-1	ADDED NEW GR ITEM	Sanchez	2
2007 11-1	REVISED DRAIN. NOTES	Sanchez	3
2007 11-30	ADDED SHOULDER REPAIR	Sanchez	4
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38			
DATE: 7/3/06			
DRAWING NUMBER: PL-3			



GENERAL PLAN

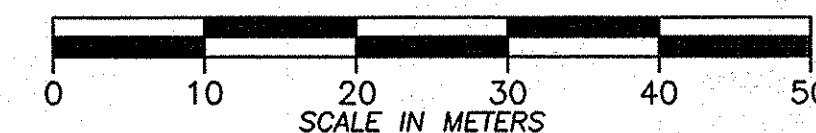
SCALE: 1 : 500

NOTES:

- 1) WORK LOCATION #1 - SEE DRAWINGS SD-1 THROUGH SD-11 FOR EARTHWORK TABLE AND INDIVIDUAL SURVEYED SECTIONS.
- 2) STATIONING NOTE: THRUWAY HAS PERFORMED SURVEY FOR CROSS SECTIONS THROUGH WORK LOCATION #1. METRIC STATIONING SHOWN ON PLAN SHEETS PL-3 & PL-4 ARE TO BE USED FOR WORK LOCATION #1 ONLY. NO ATTEMPT HAS BEEN MADE TO TIE THIS STATIONING TO THE ORIGINAL BASELINE STATIONING OR ANY OTHER WORK LOCATION. METRIC STATIONING RUNS ALONG THE EASTBOUND RIGHT (SOUTHERLY) EDGE OF SHOULDER AND INCREASES AS ONE TRAVELS EASTERLY. STATION 1+000.00 HAS BEEN ARBITRARILY CHOSEN DIRECTLY ADJACENT TO THE MEDIAN DROP INLET AT MILEPOST 240.47±.
- 3) WORK LOCATION #4 - SEE DRAWINGS SD-15, SD-16, & SD-17 FOR PROPOSED GRADING & DRAINAGE WORK.
- 4) **CONFLICT BETWEEN PROPOSED EXCAVATION AND UNDERGROUND FIBER OPTIC/TELEPHONE LINE - SEE NOTE IN CONTRACT PROPOSAL FOR CONTACT PERSONS.
- 5) FLATTEN MEDIAN TO 1:10 SLOPE AS SHOWN ON DRAWING TS-2.
- 6) DRAINAGE WORK LOCATION 7 - ALTER DROP INLET. RAISE TOP OF DROP INLET AS SHOWN ON DRAWING DD-5. INSTALL 219.5 METERS OF TRENCH DRAIN AS SHOWN ON DRAWING DD-2.
- 7) RUN CENTERLINE OF PROPOSED MEDIAN RAIL PARALLEL TO MEDIAN CENTERLINE AND 1.22 METERS OFFSET (TO THE SOUTH). SEE DRAWING TS-2.
- 8) TBM-TEMPORARY BENCH MARKS-SEE DRAWING MT-2 FOR CONTROL SHEET.

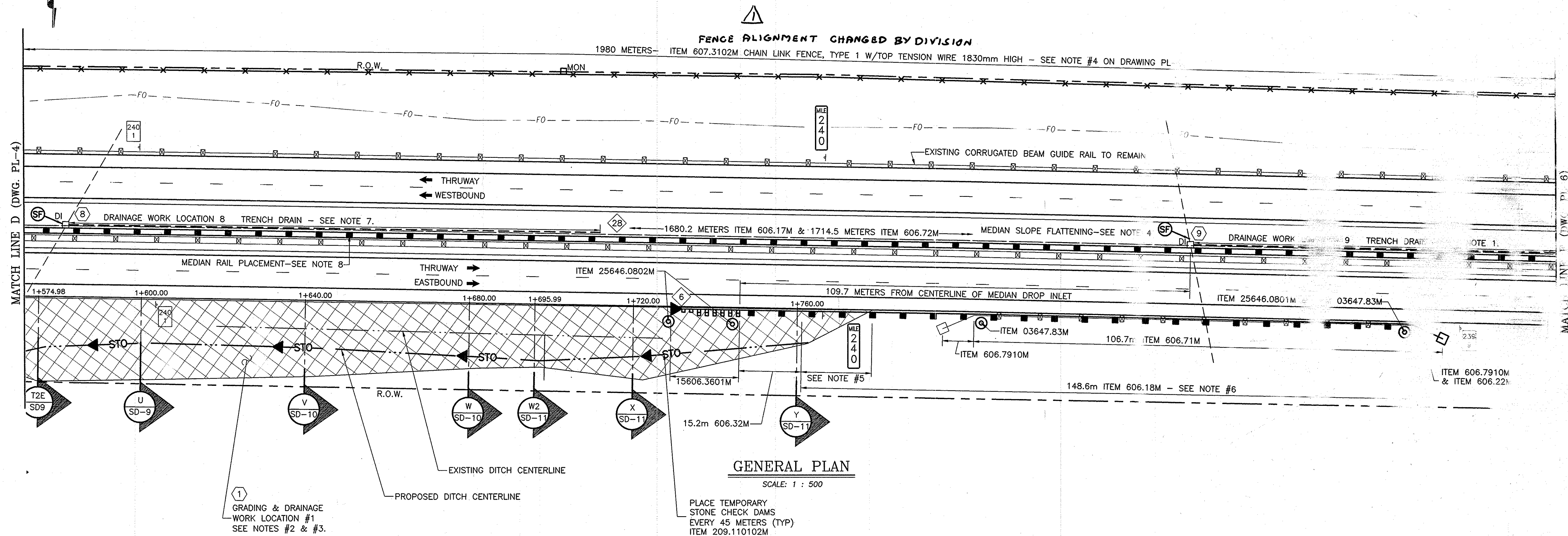
ITEM LIST:
 ITEM 209.110102M - TEMP. STONE CHECK DAMS
 ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
 ITEM 607.3102M - OPTIONAL CHAIN LINK FENCE, TYPE 1 W/TOP TENSION WIRE 1830mm HIGH
 ITEM 25607.96M - REMOVE & DISPOSE EXISTING FENCE
 ITEM 619.17M - TEMPORARY CONCRETE BARRIER
 ITEM 25619.1704M - CONCRETE BARRIER MARKERS
 ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT

- LIMITS OF GRADING FOR WORK LOCATION NUMBER 4
- LIMITS OF GRADING FOR WORK LOCATION NUMBER 1
- DRAINAGE / GRADING WORK LOCATION NUMBER
- GUIDE RAIL IMPROVEMENT LOCATION NUMBER



NOTE:
 ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE SHOWN IN METERS.

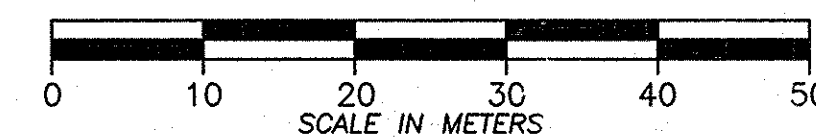
2007 11-1	CHANGES TO NEW FENCE	Sanctuary	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38			
DATE: 9/13/06			
DRAWING NUMBER: PL-4			



NOTES:

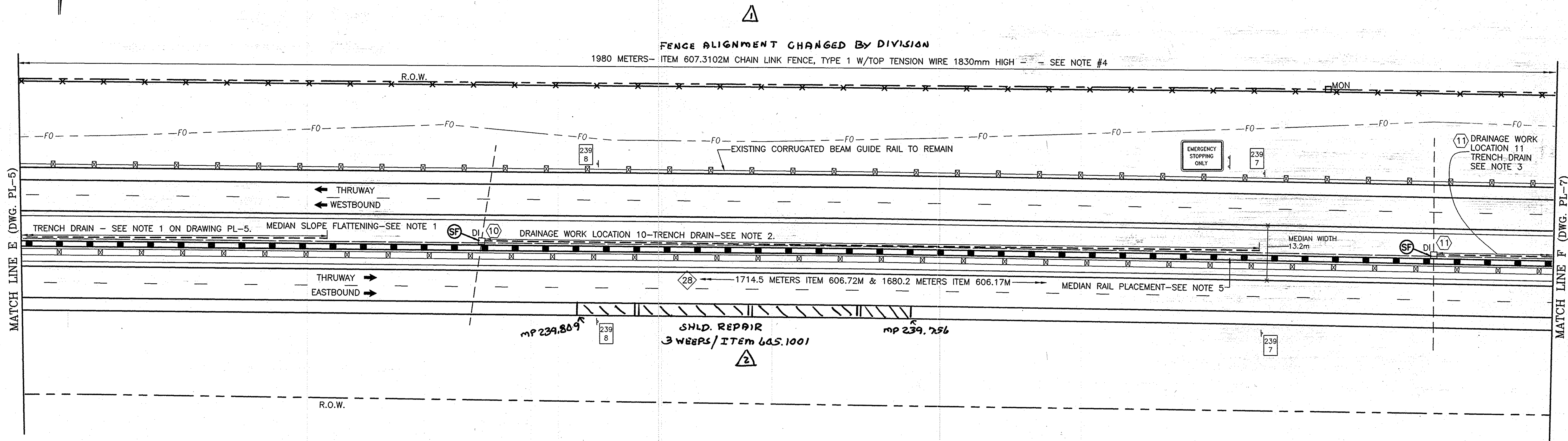
- 1) DRAINAGE WORK LOCATION 9 - ALTER DROP INLET. RAISE TOP OF DROP INLET AS SHOWN ON DRAWING DD-5. INSTALL 162 METERS OF TRENCH DRAIN AS SHOWN ON DRAWING DD-2.
- 2) SEE DRAWINGS SD-1 THROUGH SD-11 FOR EARTHWORK TABLE AND INDIVIDUAL SURVEYED SECTIONS.
- 3) STATIONING NOTE: THRUWAY HAS PERFORMED SURVEY FOR CROSS SECTIONS THROUGH WORK LOCATION #1. METRIC STATIONING SHOWN ON PLAN SHEETS PL-3 & PL-4 ARE TO BE USED FOR WORK LOCATION #1 ONLY. NO ATTEMPT HAS BEEN MADE TO TIE THIS STATIONING TO THE ORIGINAL BASELINE STATIONING OR ANY OTHER WORK LOCATION. METRIC STATIONING RUNS ALONG THE EASTBOUND RIGHT (SOUTHERLY) EDGE OF SHOULDER AND INCREASES AS ONE TRAVELS EASTERLY. STATION 1+000.00 HAS BEEN ARBITRARILY CHOSEN DIRECTLY ADJACENT TO THE MEDIAN DROP INLET AT MILEPOST 240.47±.
- 4) FLATTEN MEDIAN TO 1:10 SLOPE AS SHOWN ON DRAWING TS-2.
- 5) CONSTRUCT WITH REDUCED POST SPACING AS SHOWN ON NYSDOT STANDARD SHEET M606-18 "GUIDE RAIL TRANSITION, CORRUGATED BEAM GUIDE RAILING TO HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAIL".
- 6) ACTUAL LENGTH OF 606.18M = 148.6 METERS. PAY LENGTH = 159.3 METERS.
- 7) DRAINAGE WORK LOCATION 8 - ALTER DROP INLET. RAISE TOP OF DROP INLET AS SHOWN ON DRAWING DD-5. INSTALL 129.5 METERS OF TRENCH DRAIN AS SHOWN ON DRAWING DD-2.
- 8) RUN CENTERLINE OF PROPOSED MEDIAN RAIL PARALLEL TO MEDIAN CENTERLINE AND 1.22 METERS OFFSET (TO THE SOUTH). SEE DRAWING TS-2.

- LIMITS OF GRADING FOR WORK LOCATION NUMBER 1
 DRAINAGE / GRADING WORK LOCATION NUMBER
 GUIDE RAIL IMPROVEMENT LOCATION NUMBER



NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS
UNLESS OTHERWISE NOTED. ALL STATIONINGS
ARE SHOWN IN METERS.

DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY 12209			
TITLE OF PROJECT MILL & OVERLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38			
DATE: 8/2/06			
DRAWING NUMBER: PL-5			



GENERAL PLAN

SCALE: 1 : 500

NOTES:

- 1) FLATTEN MEDIAN TO 1:10 SLOPE AS SHOWN ON DRAWING TS-2. PROPOSED MEDIAN BARRIER TO BE SET 1.22 METERS SOUTH OF MEDIAN CENTERLINE AS SHOWN ON DRAWING TS-2.
- 2) DRAINAGE WORK LOCATION 10 - ALTER DROP INLET. RAISE TOP OF DROP INLET AS SHOWN ON DRAWING DD-5. INSTALL 189 METERS OF TRENCH DRAIN AS SHOWN ON DRAWING DD-2.
- 3) DRAINAGE WORK LOCATION 11 - ALTER DROP INLET. RAISE TOP OF DROP INLET AS SHOWN ON DRAWING DD-5. INSTALL 189 METERS OF TRENCH DRAIN AS SHOWN ON DRAWING DD-2.
- 4) SEE CONTRACT PROPOSAL SPECIAL NOTE CONCERNING FENCE PLACEMENT BETWEEN MILEPOST 239.1 WESTBOUND AND 240.3 WESTBOUND ON THE NORTH SIDE OF THE THRUWAY.
- 5) RUN CENTERLINE OF PROPOSED MEDIAN RAIL PARALLEL TO MEDIAN CENTERLINE AND 1.22 METERS OFFSET (TO THE SOUTH). SEE DRAWING TS-2.

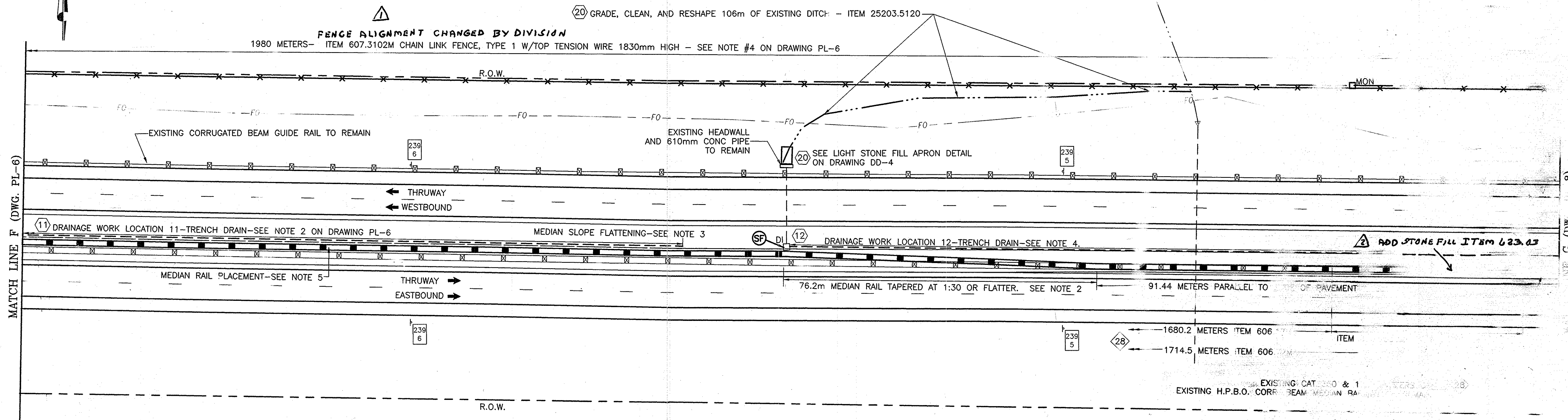
- # - DRAINAGE / GRADING WORK LOCATION NUMBER
- # - GUIDE RAIL IMPROVEMENT LOCATION NUMBER



ITEM LIST:
ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
ITEM 607.3102M - OPTIONAL CHAIN LINK FENCE, TYPE I WITH TOP TENSION WIRE 1830mm HIGH

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE SHOWN IN METERS.

DATE	DESCRIPTION	BY	SYM.
11-1	CHANGES TO NEW FENCE	Santhoshini	
11-1	ADDED SHLD. REPAIR	Santhoshini	
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 8/2/06	
		DRAWING NUMBER: PL-6	



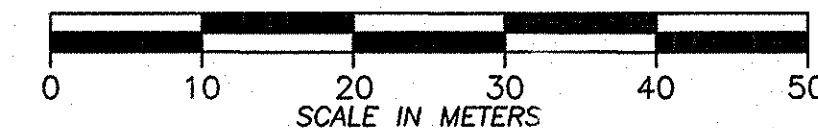
GENERAL PLAN

SCALE: 1" = 500'

NOTES:

- SEE DRAWING MD-6 FOR U-TURN PAVING LIMITS AND MEDIAN RAIL LAYOUT DETAIL.
- 91.44 METERS OF MEDIAN BARRIER TO BE SET PARALLEL TO THE EDGE OF PAVEMENT AS SHOWN ON DRAWING MD-6. THIS 91.44 METERS SHALL BE OFFSET THE SAME AS THE EXISTING RAIL TO REMAIN (APPROX. 4 METERS FACE OF RAIL TO PAINT STRIPE). TAPER PROPOSED MEDIAN RAIL ACROSS THE MEDIAN FOR APPROX. 76.2 METERS TO MEET WITH RAIL SET 1.22 METERS OFF THE MEDIAN CENTERLINE AS SHOWN ON DRAWING TS-2.
- FLATTEN MEDIAN TO 1:10 SLOPE AS SHOWN ON DRAWING TS-2.
- DRAINAGE WORK LOCATION 12 - ALTER DROP INLET. RAISE TOP OF DROP INLET AS SHOWN ON DRAWING DD-5. INSTALL 117.3 METERS OF TRENCH DRAIN AS SHOWN ON DRAWING DD-2.
- RUN CENTERLINE OF PROPOSED MEDIAN RAIL PARALLEL TO MEDIAN CENTERLINE AND 1.22 METERS OFFSET (TO THE SOUTH). SEE DRAWING TS-2.
- DRAINAGE WORK LOCATION 20 - SEE LIGHT STONE FILL APRON DETAIL ON DRAWING DD-4. REGRADE 106m OF EXISTING DITCH.

- # — DRAINAGE / GRADING WORK LOCATION NUMBER
— GUIDE RAIL IMPROVEMENT LOCATION NUMBER




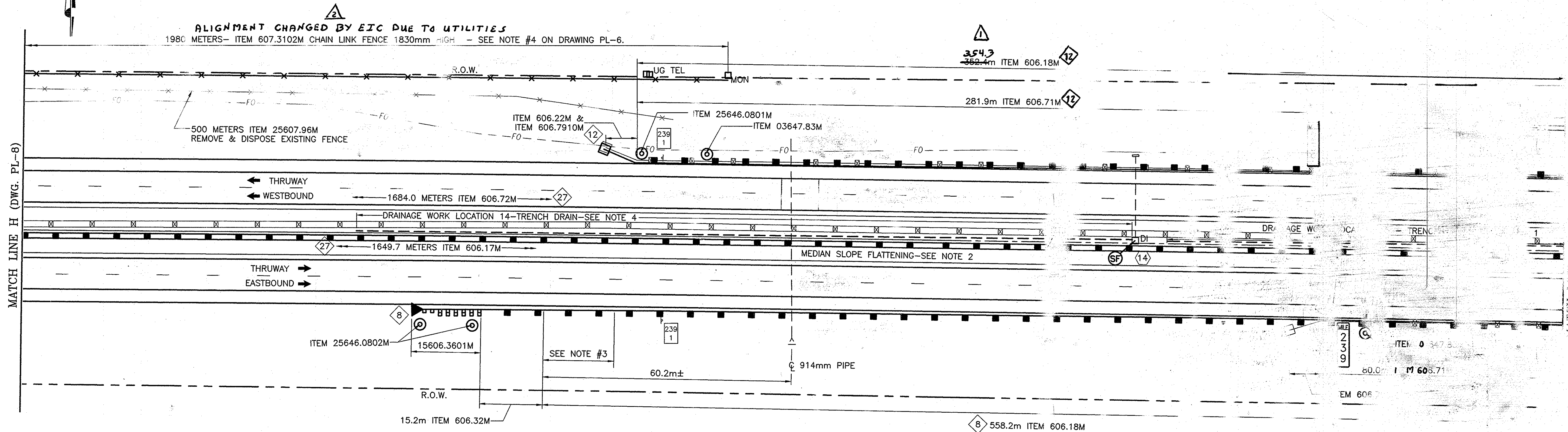
ITEM LIST:

ITEM 25203.5120M - GRADE, CLEAN & RESHAPE EXISTING DITCH
 ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.9601M - MEDIAN BARRIER TRANSITION WEAK POST CORRUGATED BEAM TO HEAVY POST BLOCKED OUT CORR BM
 ITEM 607.3102M - OPTIONAL CHAIN LINK FENCE, TYPE 1 WITH TOP TENSION WIRE 1830mm HIGH

NOTE:
 ALL DIMENSIONS ARE SHOWN IN MILLIMETERS.
 UNLESS OTHERWISE NOTED, ALL ELEVATIONS
 ARE SHOWN IN METERS.

11-5	CHANGE TO NEW FENCE	Landis	11-5	ADDED ITEM 623.03	Landis
DATE	DESCRIPTION	BY	SYM.		
REVISIONS					
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 2 SOUTHERN BLVD., ALBANY, N.Y. 12209					
TITLE OF MILL	PROJECT: SYRACUSE DIVISION P 233.5 MP 233.5				
LOCATING	SYRACUSE DIVISION P 233.5 MP 233.5				
GENERAL PLAN					
CONTRACT NUMBER: TAS 06-38					
DATE: 3/1/06					
NUMBER: PL-7					

	CONTRACT NUMBER:
	TAS 06-38
	DATE:
	8/24/06
	DRAWING NUMBER:
	PL-8



GENERAL PLAN

SCALE: 1 : 500

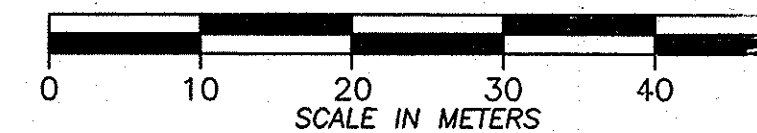
ITEM LIST:

- ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER
- ITEM 606.18M - MODIFIED G2 WEAK POST, CORRUGATED BEAM GUIDE RAIL
- ITEM 606.22M - ANCHORAGE UNIT FOR CORRUGATED BEAM GUIDE RAILING
- ITEM 606.32M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING
- ITEM 15606.3601M - OPTIONAL END TERMINAL FOR HPBO CORRUGATED BEAM GUIDE RAILING, ET 2000+ OR SKT-350, STEEL BREAKAWAY POST
- ITEM 606.71M - REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAILING
- ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
- ITEM 606.7910M - REMOVING & DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAIL & MEDIAN BARRIER
- ITEM 607.3102M - OPTIONAL CHAIN LINK FENCE, TYPE I WITH TOP TENSION WIRE 1830mm HIGH
- ITEM 25607.96M - REMOVE & DISPOSE EXISTING FENCE
- ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
- ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
- ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS

NOTES:

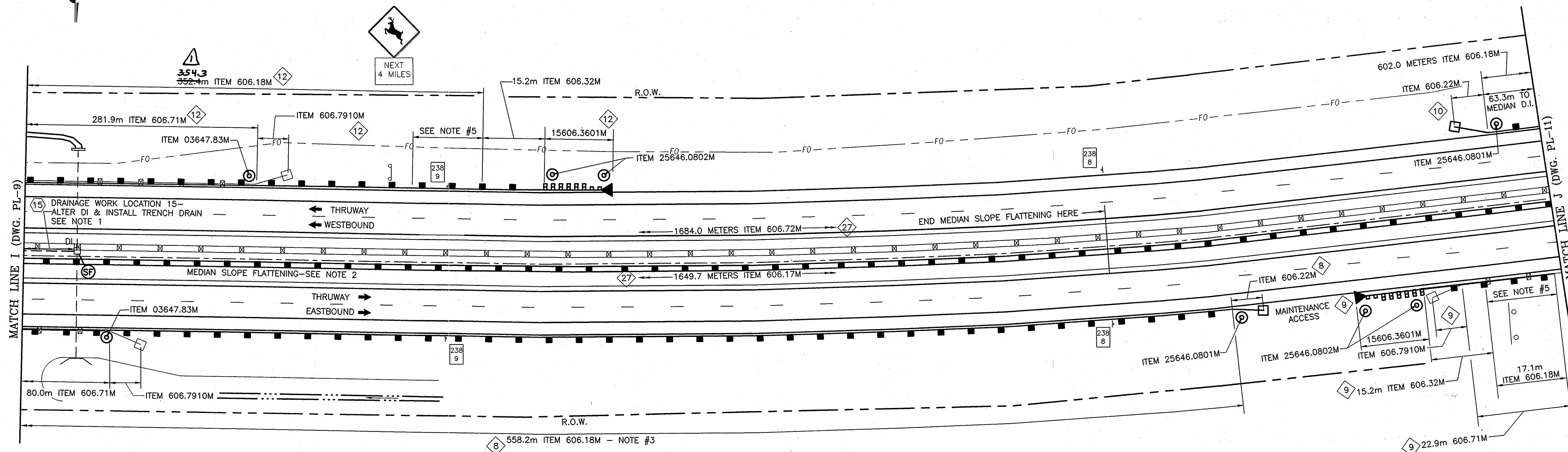
- 1) DRAINAGE WORK LOCATION 15 - INSTALL 108 METERS OF TRENCH DRAIN AS SHOWN ON DRAWING DD-2. SEE NOTE 1 ON DRAWING PL-10.
- 2) FLATTEN MEDIAN TO 1:10 SLOPE AS SHOWN ON DRAWING TS-2.
- 3) CONSTRUCT WITH REDUCED POST SPACING AS SHOWN ON NYSDOT STANDARD SHEET M606-18 "GUIDE RAIL TRANSITION, CORRUGATED BEAM GUIDE RAILING TO HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAIL". ACTUAL LENGTH OF ITEM 606.18M SHOWN - FOR PAY LENGTH, ADD 10.7 METERS
- 4) DRAINAGE WORK LOCATION 14 - ALTER DROP INLET. RAISE TOP OF DROP INLET AS SHOWN ON DRAWING DD-5. INSTALL 189 METERS OF TRENCH DRAIN AS SHOWN ON DRAWING DD-2.

- # DRAINAGE / GRADING WORK LOCATION NUMBER
- # GUIDE RAIL IMPROVEMENT LOCATION NUMBER



NOTE:
ALL DIMENSIONS ARE SHOWN IN METERS UNLESS OTHERWISE NOTED. ALL ARE SHOWN IN METERS.

REVISED GR	QUANTITY	Sandra J. Smith	1
CHANGES TO	NEW FENCE	Sandra J. Smith	2
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE	THRUWAY AUTHORITY		
200 SOUTH	ALBANY, N.Y. 12209		
TITLE OF PROJECT	SAFETY IMPROVEMENTS		
MILL & INLAY, IN	AND MISCELLANEOUS WORK		
LOCATION OF PROJECT	SYRACUS	DIVISION	MP 240.9
MP 233.5			
TITLE	GENERAL PLAN		
PROJECT NUMBER:		S 06-38	
DATE		1/14/06	
DRAWING NUMBER		PL-9	



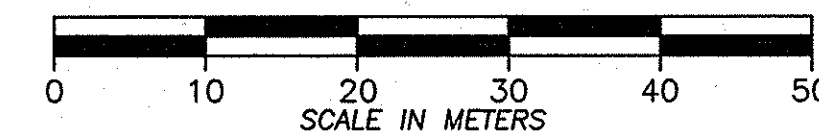
ITEM LIST:

- ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.18M - MODIFIED G2 WEAK POST, CORRUGATED BEAM GUIDE RAIL
 ITEM 606.22M - ANCHORAGE UNIT FOR CORRUGATED BEAM GUIDE RAILING
 ITEM 606.32M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING
 ITEM 15606.3601M - OPTIONAL END TERMINAL FOR HPBO CORRUGATED BEAM GUIDE RAILING, ET 2000+ OR SKT-350, STEEL BREAKAWAY POST
 ITEM 606.71M - REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAILING
 ITEM 606.72M - REMOVING AND DISPOSING CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.7910M - REMOVING & DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAIL & MEDIAN BARRIER
 ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
 ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
 ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS

NOTES:

- 1) DRAINAGE WORK LOCATION 15 - ALTER DROP INLET.
RAISE TOP OF DROP INLET AS SHOWN ON DRAWING DD-5.
INSTALL 108 METERS OF TRENCH DRAIN AS SHOWN ON DRAWING DD-2.
- 2) FLATTEN MEDIAN TO 1:10 SLOPE AS SHOWN ON DRAWING TS-2.
- 3) ACTUAL LENGTH SHOWN. PAY LENGTH IS 10.7 METERS LONGER THAN ACTUAL LENGTH.
- 4) SEE TRANSITION DETAIL ON THE TOP OF DRAWING MD-2 - "TRANSITION HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING TO EXISTING CORRUGATED BEAM GUIDE RAILING".
- 5) CONSTRUCT WITH REDUCED POST SPACING AS SHOWN ON NYSOT STANDARD SHEET M606-18 "GUIDE RAIL TRANSITION, CORRUGATED BEAM GUIDE RAILING TO HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAIL". ACTUAL LENGTH OF ITEM 606.18M SHOWN - FOR PAY LENGTH, ADD 10.7 METERS.

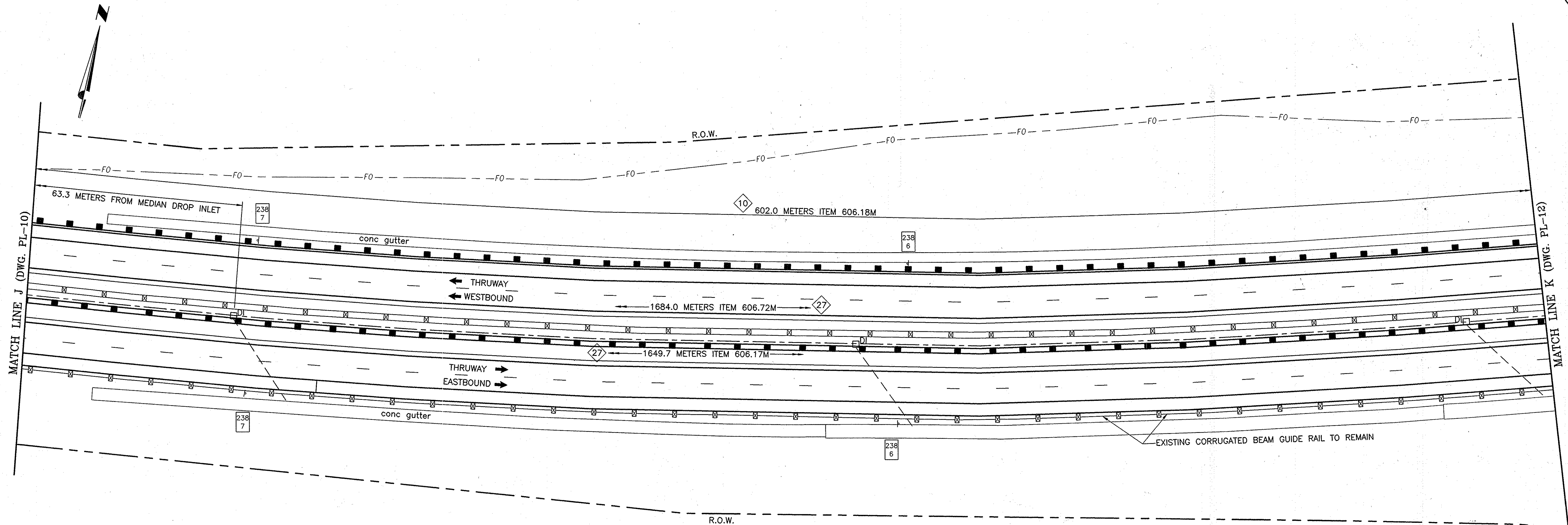
- # - DRAINAGE / GRADING
WORK LOCATION NUMBER
- GUIDE RAIL IMPROVEMENT
LOCATION NUMBER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

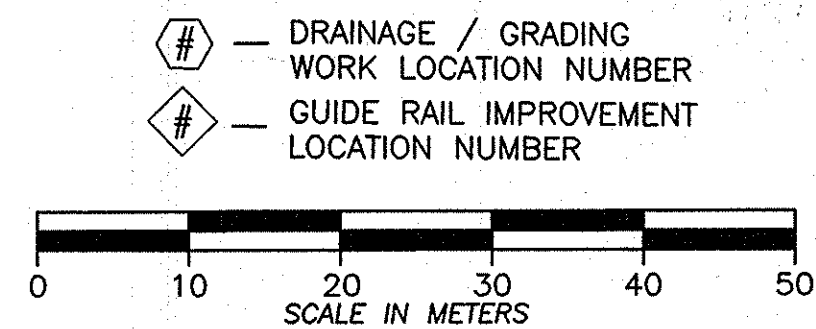
DATE	DESCRIPTION	BY	SYM.
8/23/06	REVISED GR QUANTITY	Sandra L. L...	
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38		DATE: 8/23/06	
DRAWING NUMBER: PL-10			

IN CHARGE OF: A. MASTROIANI
DESIGNED BY: B. KOSLOSKE
DRAFTED BY: K. KEITZ
CHECKED BY: B. KOSLOSKE
FY 2006 MP 233.5 - MP 240.9 PL



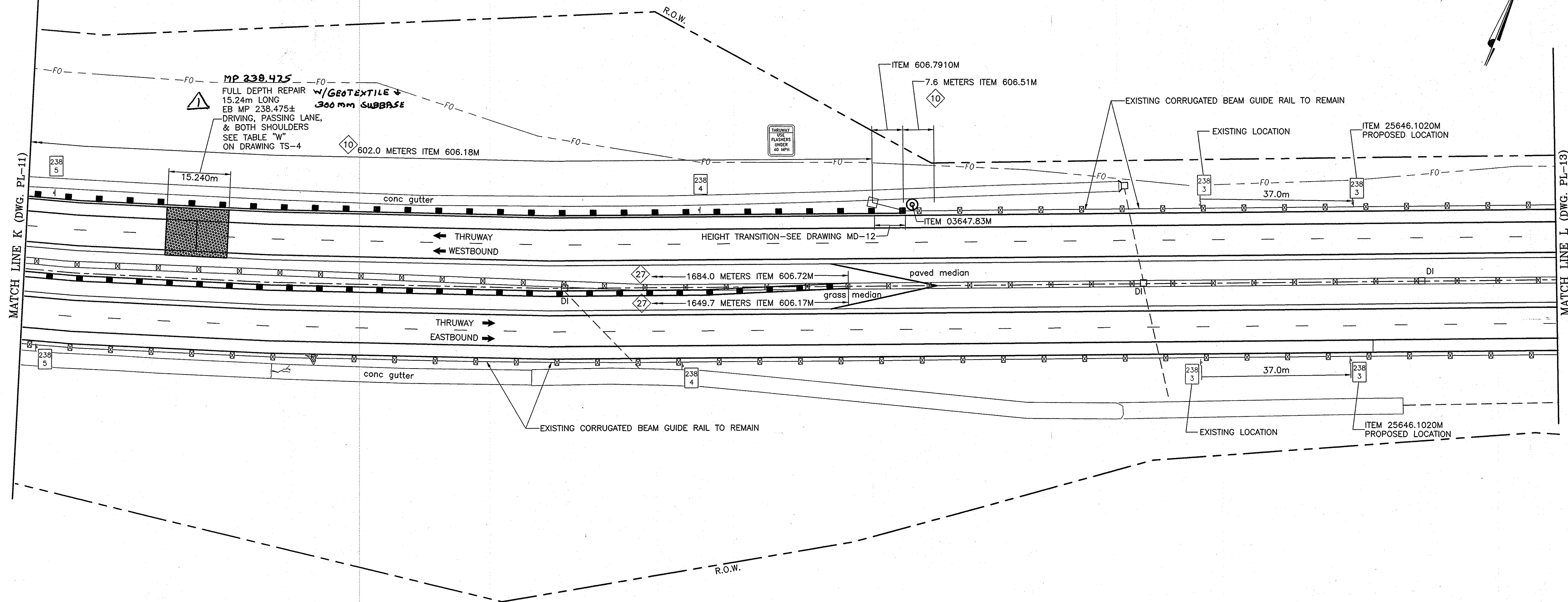
GENERAL PLAN
SCALE: 1 : 500

- ITEM LIST:
ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.18M - MODIFIED G2 WEAK POST, CORRUGATED BEAM GUIDE RAIL
ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 11-10	NO AS BUILT REVISIONS	Landesman	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38			
DATE: 6/10/06			
DRAWING NUMBER: PL-11			



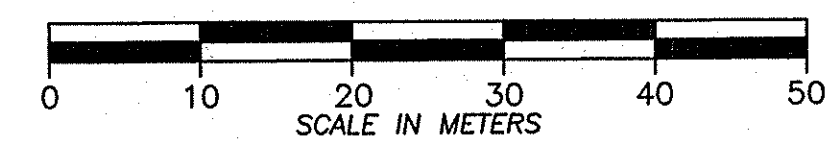
GENERAL PLAN

SCALE: 1 : 500

ITEM LIST:

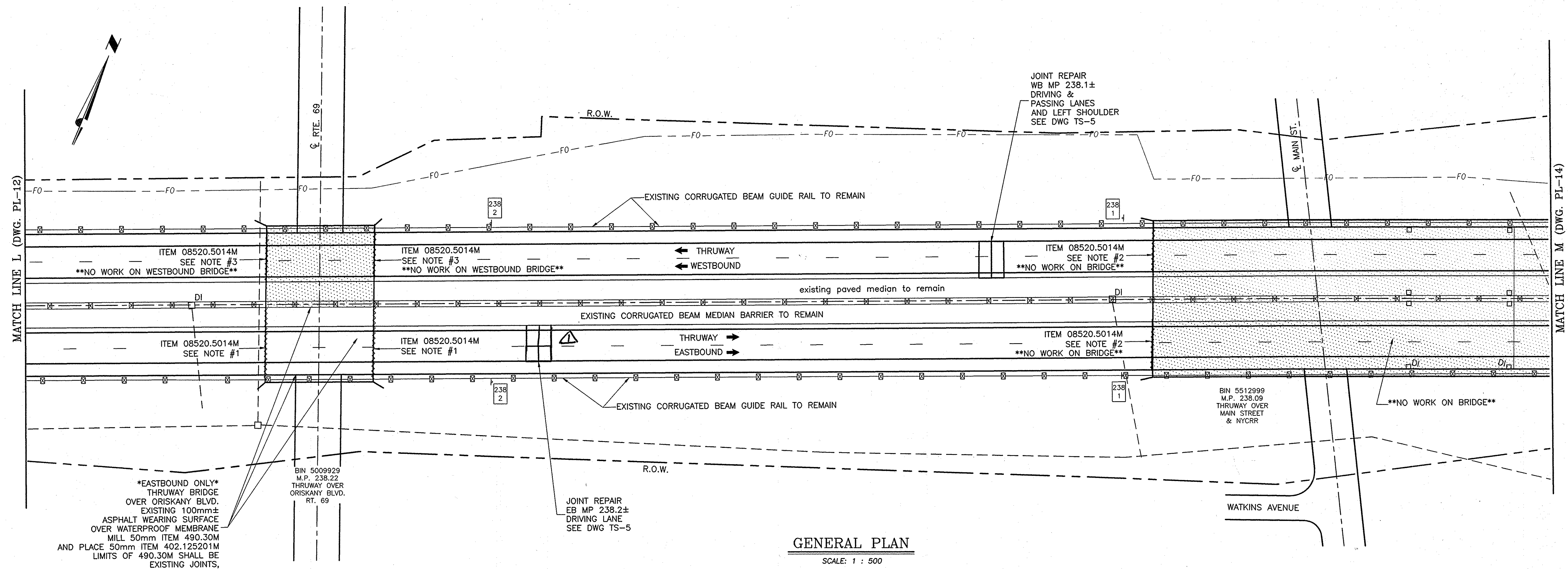
ITEM 606.17M - CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.18M - MODIFIED G2 WEAK POST, CORRUGATED BEAM GUIDE RAIL
 ITEM 606.51M - RESETTING CORRUGATED BEAM GUIDE RAILING
 ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.7910M - REMOVE & DISPOSE ANCHORAGE UNIT/CORR GUIDE RAIL & MEDIAN BARRIER
 ITEM 25646.1020M - RESET EXISTING 1/10 MILE MARKER PANEL ON NEW POST
 ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS

⑥ - DRAINAGE / GRADING
 WORK LOCATION NUMBER
 # - GUIDE RAIL IMPROVEMENT
 LOCATION NUMBER

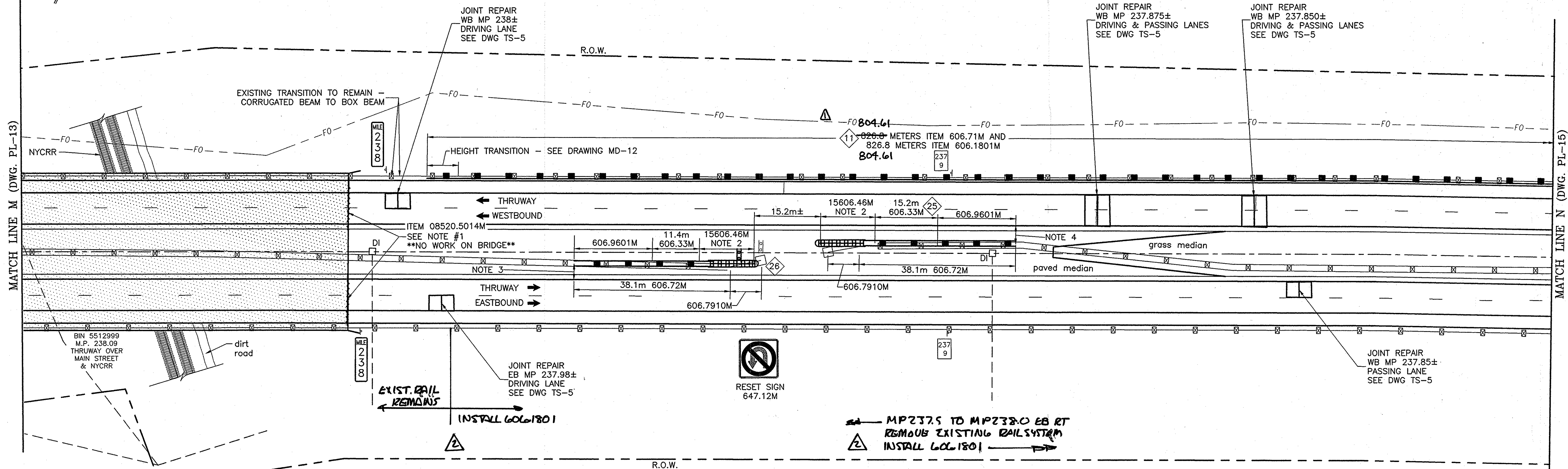


NOTE:
 ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
 UNLESS OTHERWISE NOTED. ALL ELEVATIONS
 ARE SHOWN IN METERS.

2006 11-6	ADDED REPAIR IN F.O.	<i>Sandra J. J.</i>	⑥
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38		DATE: 9/5/06	
DRAWING NUMBER: PL-12			



2007 11-2	EXTENDED JOINT REPAIR	Sandra Lewis	△
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
	CONTRACT NUMBER: TAS 06-38		
	DATE: 8/22/06		
	DRAWING NUMBER: PL-13		



GENERAL PLAN

SCALE: 1 : 500

NOTES:

- 1) EXISTING BRIDGE DECK AND WEARING SURFACE TO REMAIN.
THERE IS NO PAVING WORK ON THIS BRIDGE
- 2) THE CONTRACTOR HAS THE OPTION OF USING EITHER ITEM 15606.46M OR ITEM 15606.31M.
- 3) EDGE OF PAVEMENT TO CENTERLINE PROPOSED MEDIAN BARRIER = 5.1 METERS.
- 4) EDGE OF PAVEMENT TO CENTERLINE PROPOSED MEDIAN BARRIER = 4.5 METERS.

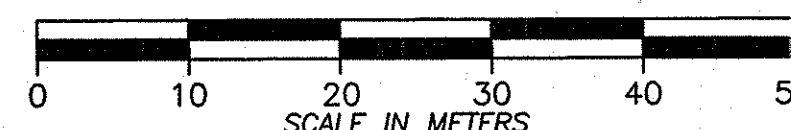
ITEM LIST:

ITEM 08520.5014M - SAW CUTTING ASPHALT PAVEMENT, CONC. PAVEMENT, OR ASPH.
ITEM 606.1801M - MODIFIED G2 WEAK POST, CORRUGATED BEAM GUIDE RAIL WITH EXTRA-LONG POSTS
ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
ITEM 15606.46M - CRASH-CUSHION ATTENUATING TERMINAL CATT-350
ITEM 606.71M - REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAILING
ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.7910M - REMOVING & DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAIL & MEDIAN BARRIER
ITEM 606.9601M - MEDIAN BARRIER TRANSITION-WEAK POST CORRUGATED BEAM TO HEVY POST BLOCKED-OUT CORRUGATED BEAM

EXISTING BRIDGE DECK AND WEARING SURFACE TO REMAIN
NO WORK

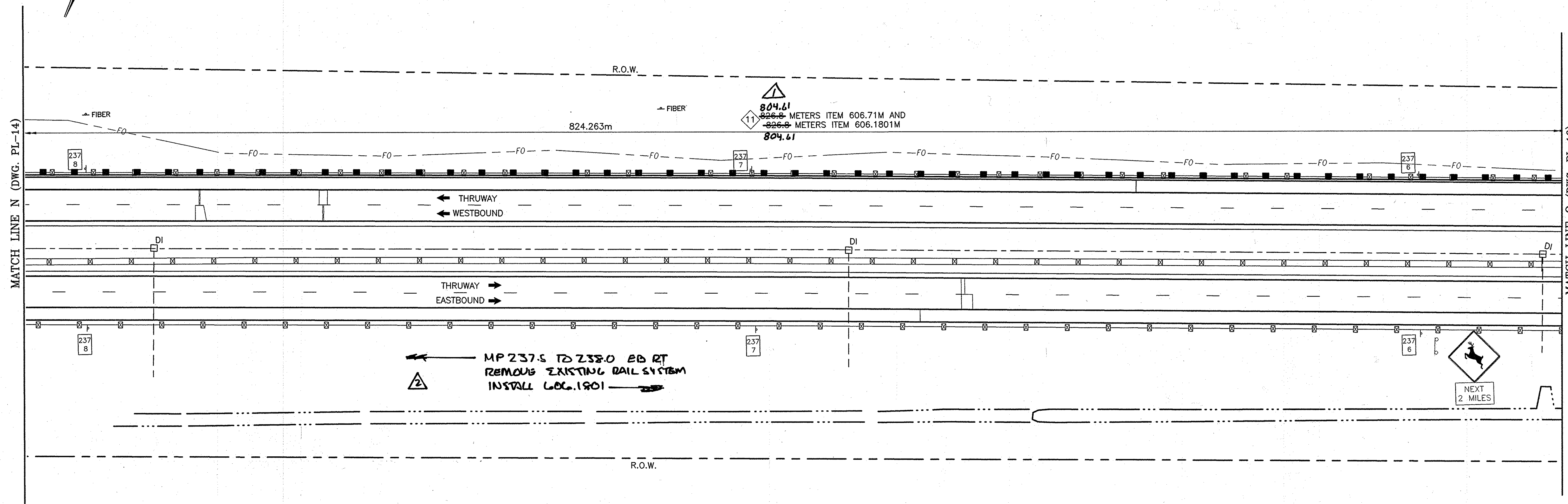
- DRAINAGE / GRADING
WORK LOCATION NUMBER

- GUIDE RAIL IMPROVEMENT
LOCATION NUMBER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 11-30	REVISED GR QUANTITY	<i>Sanchez</i>	Δ
12-6-07	GR INSTALL	<i>Sanchez</i>	Δ
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38		DATE: 9/8/06	
DRAWING NUMBER: PL-14			



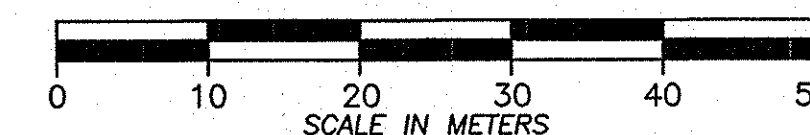
GENERAL PLAN

SCALE: 1 : 500

ITEM LIST:

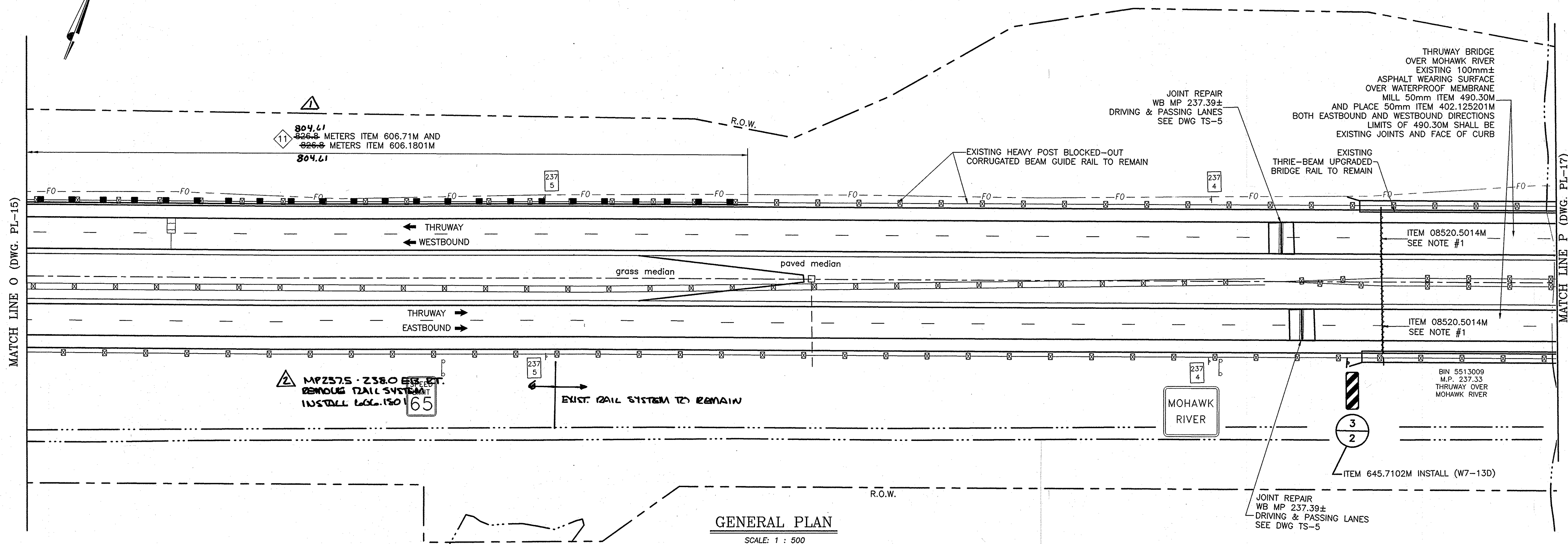
- ITEM 606.1801M - MODIFIED G2 WEAK POST, CORRUGATED BEAM GUIDE RAIL WITH EXTRA-LONG POSTS
- ITEM 606.71M - REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAILING

- # DRAINAGE / GRADING WORK LOCATION NUMBER
- # GUIDE RAIL IMPROVEMENT LOCATION NUMBER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 11-6	REVISED GR LENGTHS	<i>Sandra L...</i>	△
2407	GR INSTALL	<i>J...</i>	△
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	6/16/06
		DRAWING NUMBER:	PL-15



GENERAL PLAN

SCALE: 1 : 500

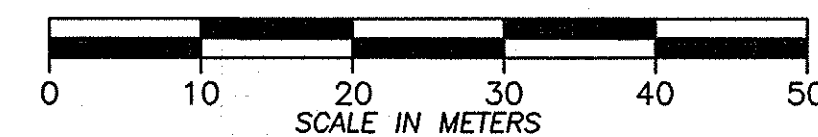
NOTES:

- 1) SEE "ASPHALT PAVEMENT REBATE" DETAIL ON DRAWING TS-1.

ITEM LIST:
 ITEM 402.125201M - 12.5mm F2 SUPERPAVE HMA, 50 SERIES
 ITEM 490.30M - MISCELLANEOUS COLD-MILLING OF BITUMINOUS CONCRETE
 ITEM 08520.5014M - SAW CUTTING ASPHALT PAVEMENT, CONC. PAVEMENT, OR ASPH.
 ITEM 606.1801M - MODIFIED G2 WEAK POST, CORRUGATED BEAM GUIDE RAIL WITH EXTRA LONG POSTS
 ITEM 606.71M - REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAILING
 ITEM 645.7102M - GROUND MOUNTED SIGN PANEL MUTCD CODES R, P, W, AND M

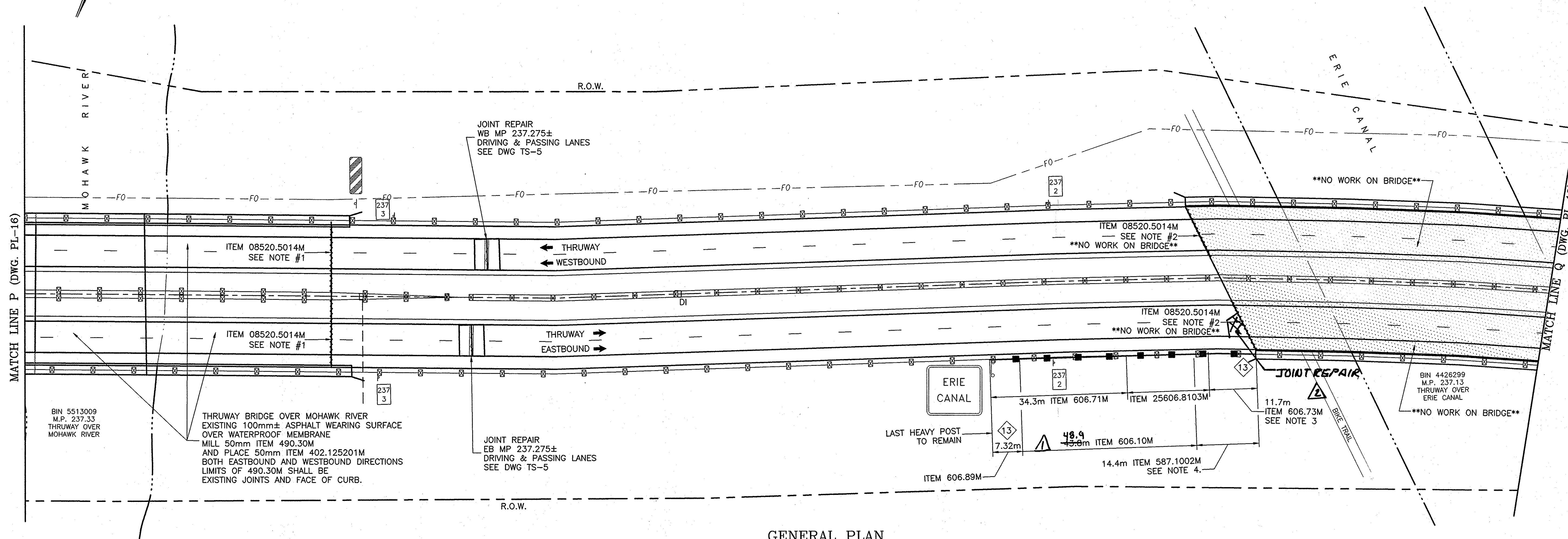
- # — DRAINAGE / GRADING
 WORK LOCATION NUMBER
 # — GUIDE RAIL IMPROVEMENT
 LOCATION NUMBER

LL — LOCATION } NEW SIGN
 TT — TEXT



NOTE:
 ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
 UNLESS OTHERWISE NOTED. ALL ELEVATIONS
 ARE SHOWN IN METERS.

DATE	DESCRIPTION	BY	SYM.
7/11/06	REVISED GR LENGTHS	Sandra Gwin	△
12/6/06	G.R. INSTALL	J. J. Lee	△
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38			
DATE: 8/22/06			
DRAWING NUMBER: PL-16			



GENERAL PLAN




SCALE: 1 : 500

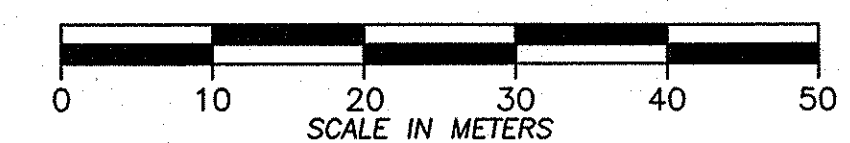
NOTES:

- 1) SEE "ASPHALT PAVEMENT REBATE" DETAIL ON DRAWING TS-1.
- 2) EXISTING BRIDGE DECK AND WEARING SURFACE TO REMAIN.
THERE IS NO PAVING WORK ON THIS BRIDGE
- 3) REMOVE AND DISPOSE EXISTING "TUNING FORK" TRANSITION FROM BOX BEAM TO FOUR RAIL BRIDGE RAIL. COST TO BE INCLUDED IN ITEM 606.73M.
- 4) 0.7m LONG TRANSITION FROM BOX BEAM TO 4-RAIL BRIDGE RAIL TO BE PAID UNDER ITEM 587.1002M. SEE DETAILS ON DRAWINGS MD-9, MD-10 & MD-11.

ITEM LIST:

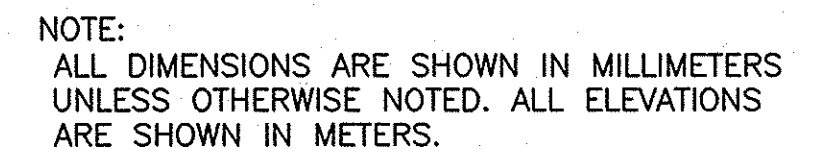
- ITEM 402.125201M - 12.5mm F2 SUPERPAVE HMA, 50 SERIES
ITEM 490.30M - MISCELLANEOUS COLD MILLING OF BITUMINOUS CONCRETE
ITEM 08520.5014M - SAW CUTTING ASPHALT PAVEMENT, CONC. PAVEMENT, OR ASPH. OVERLAY ON CONC.
ITEM 587.1002M - BOX BEAM BRIDGE RAIL-TWO RAIL
ITEM 608.10M - BOX BEAM GUIDE RAIL
ITEM 606.71M - REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAIL
ITEM 606.73M - REMOVE & DISPOSE BOX BEAM GUIDE RAIL
ITEM 25606.8103M - REMOVING & DISPOSING GUIDE RAIL TRANSITION CORRUGATED BEAM TO BOX BEAM
ITEM 606.89M - GUIDE RAIL TRANSITION BOX BEAM TO HEAVY POST BLOCKED-OUT CORRUGATED BEAM

-  — DRAINAGE / GRADING
 WORK LOCATION NUMBER
 — GUIDE RAIL IMPROVEMENT
 LOCATION NUMBER
 — EXISTING BRIDGE DECK
 AND WEARING SURFACE TO REMAIN
 NO WORK

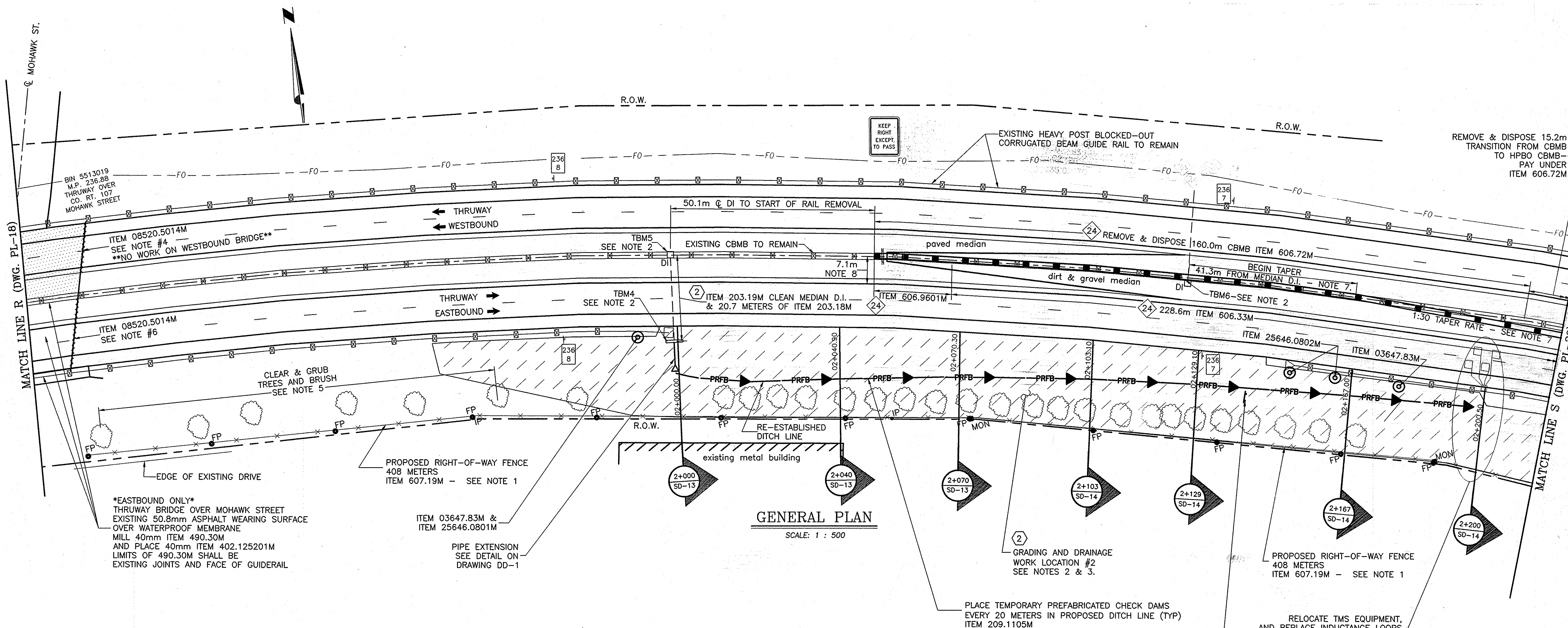


NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

11-6	REVISED GR QUANTITY	Landin	
12-01	JOINT REPAIR	John	
DATE	DESCRIPTION	BY	S
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVMENT AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING			
GENERAL PLAN			
	CONTRACT NUMBER: TAS 06-38		
	DATE: 8/30/06		
	DRAWING NUMBER: PL-17		



CONTRACT NUMBER:	TAS 06-38
DATE:	8/22/06
DRAWING NUMBER:	PL-18

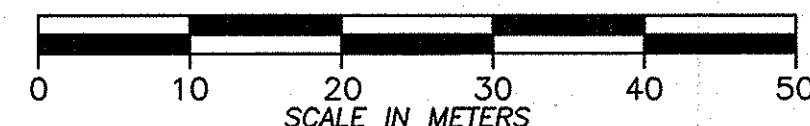


4
3
RESET SIGN AS NECESSARY
AFTER GRADING WORK-ITEM 647.15M

- DRAINAGE / GRADING
WORK LOCATION NUMBER
- GUIDE RAIL IMPROVEMENT
LOCATION NUMBER

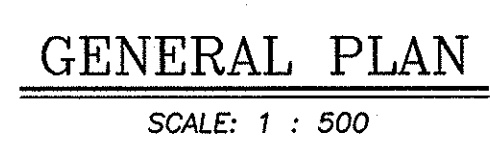
EXISTING BRIDGE DECK
AND WEARING SURFACE TO REMAIN
NO WORK

LIMITS OF GRADING FOR
WORK LOCATION NUMBER 2




NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

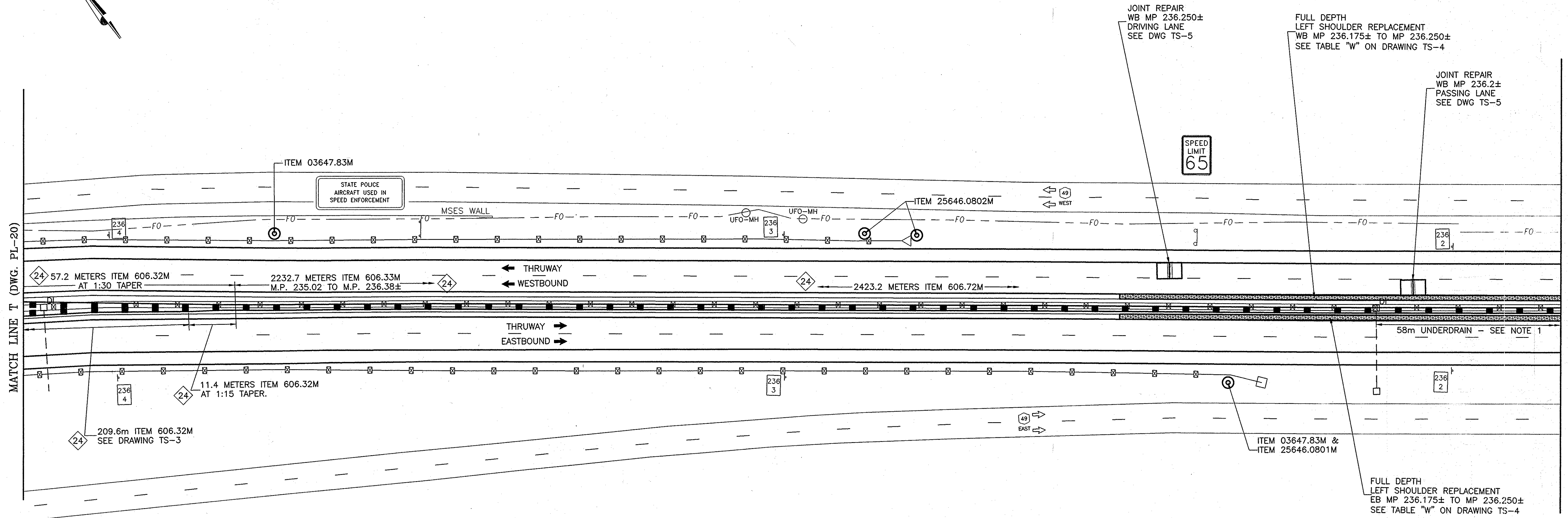
11-15	NO AS BUILT REVISIONS		
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38		DATE: 8/24/06	
DRAWING NUMBER: PL-19			



- NOTES:
- 1) THRUWAY HAS SET METAL FENCE POSTS SPACED EVERY 30.5 METERS AND AT ANGLE POINTS ON THE RIGHT-OF-WAY LINE-- THESE METAL FENCE POSTS ARE TO REMAIN UNDISTURBED. RIGHT-OF-WAY FENCE SHALL BE SET ALONG THIS LINE OF METAL FENCE POSTS PARALLEL TO AND 0.46 METERS (18") ONTO THE THRUWAY SIDE OF THE LINE. LAYOUT COSTS TO BE INCLUDED IN ITEM 625.01M--SURVEY & STAKEOUT.
- 2) COMPLETELY CLEAR (ALL SUMACS, TREES, BRUSH, SHRUBS) UP TO THE PROPOSED RIGHT-OF-WAY FENCE LINE. ALL STUMPS SHALL BE CUT OFF TO NOT MORE THAN 150mm THE EXISTING GROUND SURFACE.
- *THERE IS NO SLOPE FLATTENING OR REGRADING WORK IN THIS AREA*

NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2001 11-15	NO AS BUILT REVISIONS	Sandoval	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING			
GENERAL PLAN			
		CONTRACT NUMBER:	
		TAS 06-38	
		DATE:	
		8/25/06	
		DRAWING NUMBER:	
		PL-20	



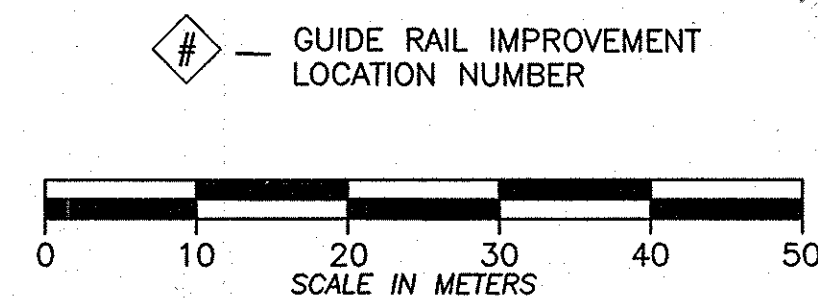
GENERAL PLAN
SCALE: 1 : 500

NOTES:

- 1) PLACE 58 METERS OF UNDERDRAIN EAST OF DROP INLET AS SHOWN ON DRAWING TS-4. DO NOT PLACE UNDERDRAIN WEST OF DROP INLET AT M.P. 236.21.

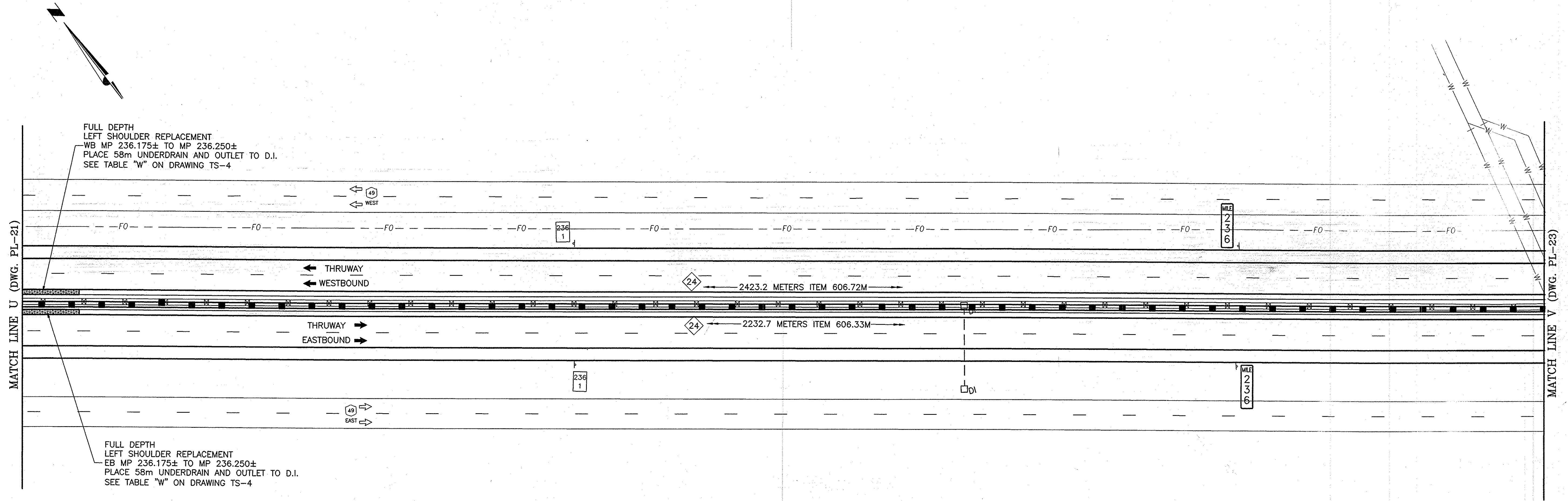
ITEM LIST:

- ITEM 606.32M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
- ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
- ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
- ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
- ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 11-15	NO AS BUILT REVISIONS	J. J. J.	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
	CONTRACT NUMBER: TAS 06-38		
	DATE: 8/21/06		
	DRAWING NUMBER: PL-21		

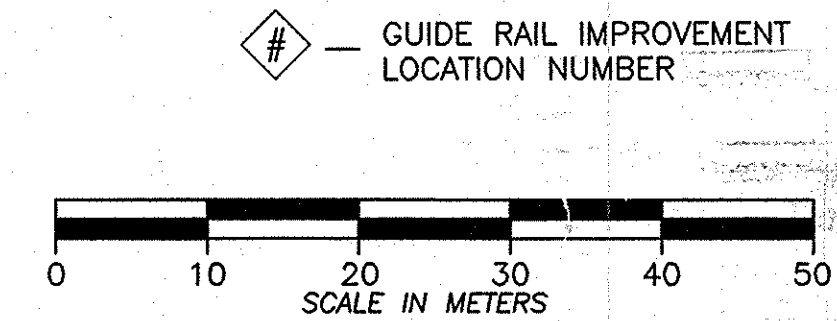


GENERAL PLAN

SCALE: 1 : 500

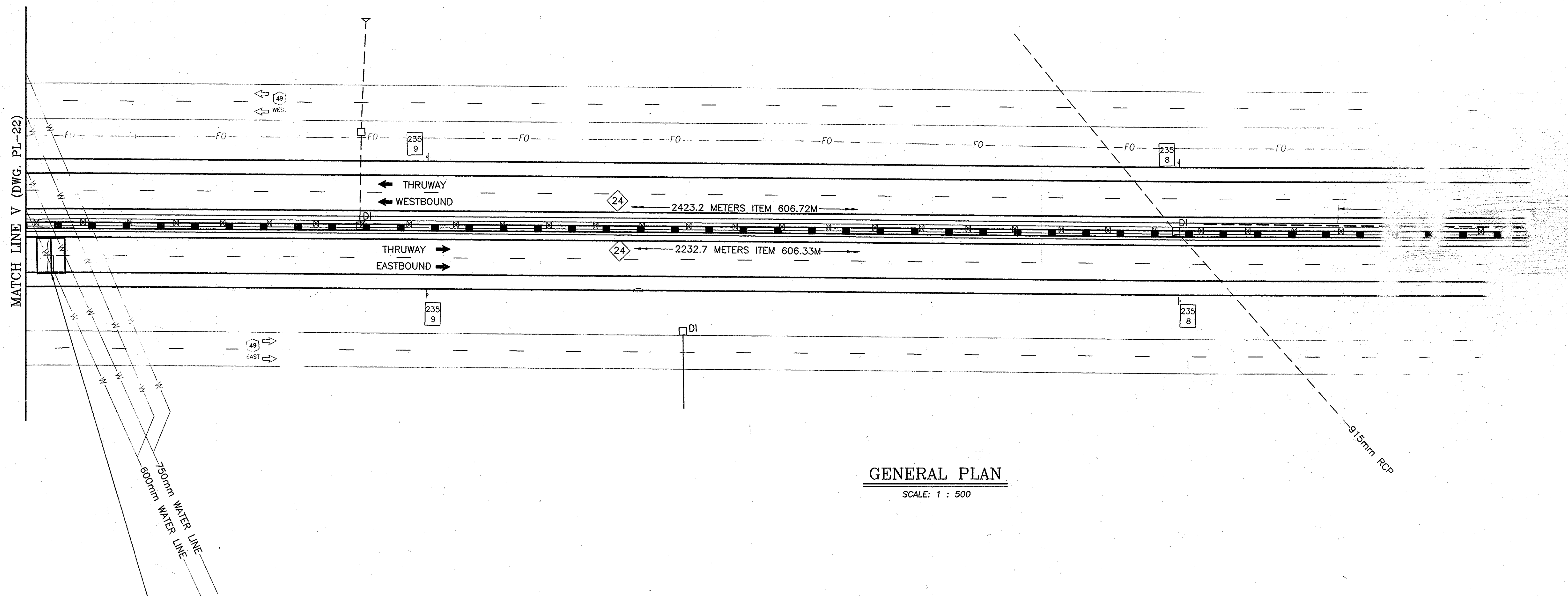
ITEM LIST:

- ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
- ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2006 11-15	NO AS BUILT REVISIONS	Sandwich	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	8/21/06
		DRAWING NUMBER:	PL-22



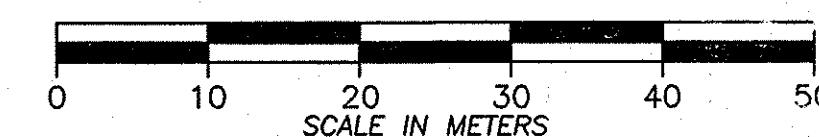
GENERAL PLAN

SCALE: 1 : 500

ITEM LIST:


ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER

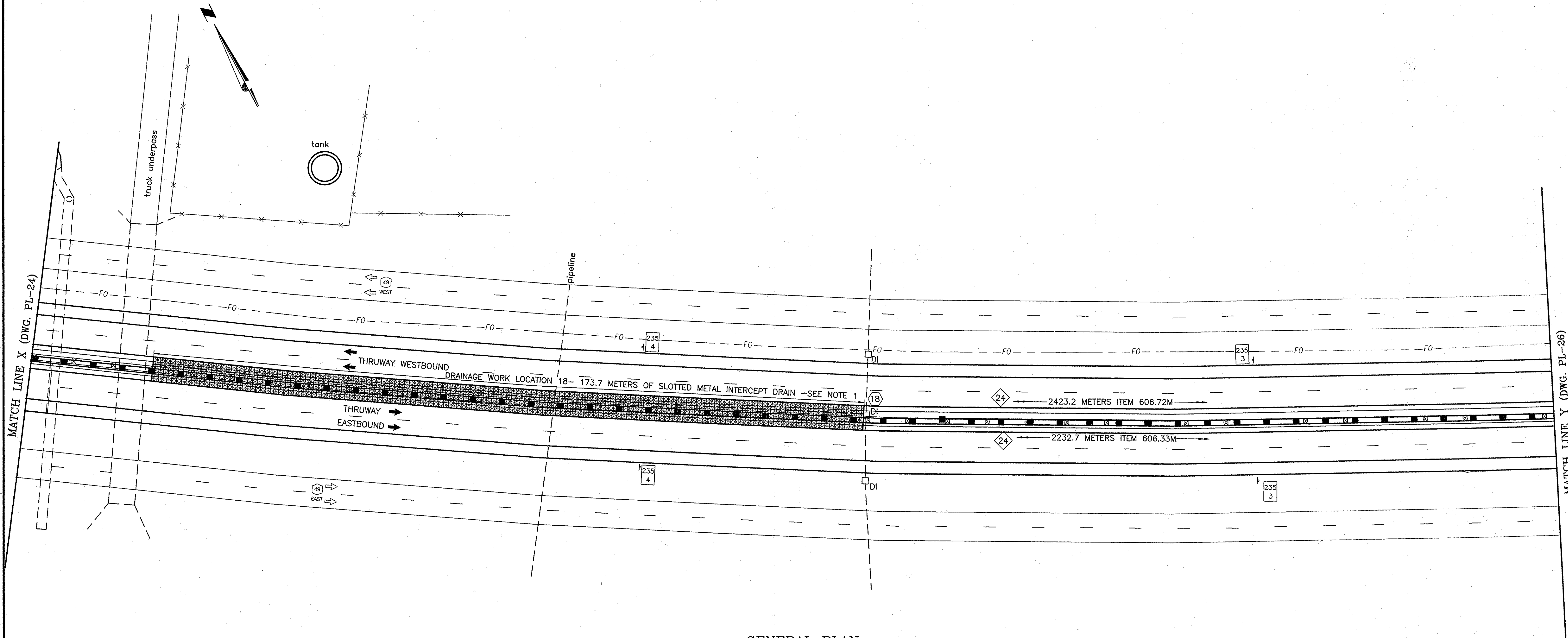
— GUIDE RAIL IMPROVEMENT LOCATION NUMBER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2004 11-15	NO AS BUILT REVISIONS	Sandra Jan	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
	CONTRACT NUMBER: TAS 06-38		
	DATE: 8/16/06		
	DRAWING NUMBER: PL-23		

2007 11-15	NO AS BUILT REVISIONS	<i>John</i>	
DATE	DESCRIPTION	BY	ST
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENT AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING			
GENERAL PLAN			
		CONTRACT NUMBER:	
		TAS 06-38	
		DATE:	
		8/16/06	
		DRAWING NUMBER:	
		PL-24	



GENERAL PLAN

SCALE: 1 : 500

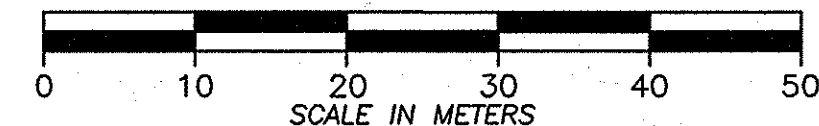
NOTES:

1) DRAINAGE WORK LOCATION 18 - ITEM 25603.1618M
INSTALL 173.7 METERS OF SLOTTED METAL INTERCEPT DRAIN AS SHOWN ON DRAWING DD-6.
CONNECT TO EXISTING DROP INLET WITH 3.0m OF ITEM 603.801216M AND
ITEM 25604.0625M-CONNECTION TO EXISTING DRAINAGE SYSTEM.
SEE DETAIL ON DRAWING TS-3 ENTITLED "NARROW PAVED MEDIAN WITH
SLOTTED METAL INTERCEPT DRAIN AND FULL DEPTH SHOULDER RECONSTRUCTION"

ITEM LIST:

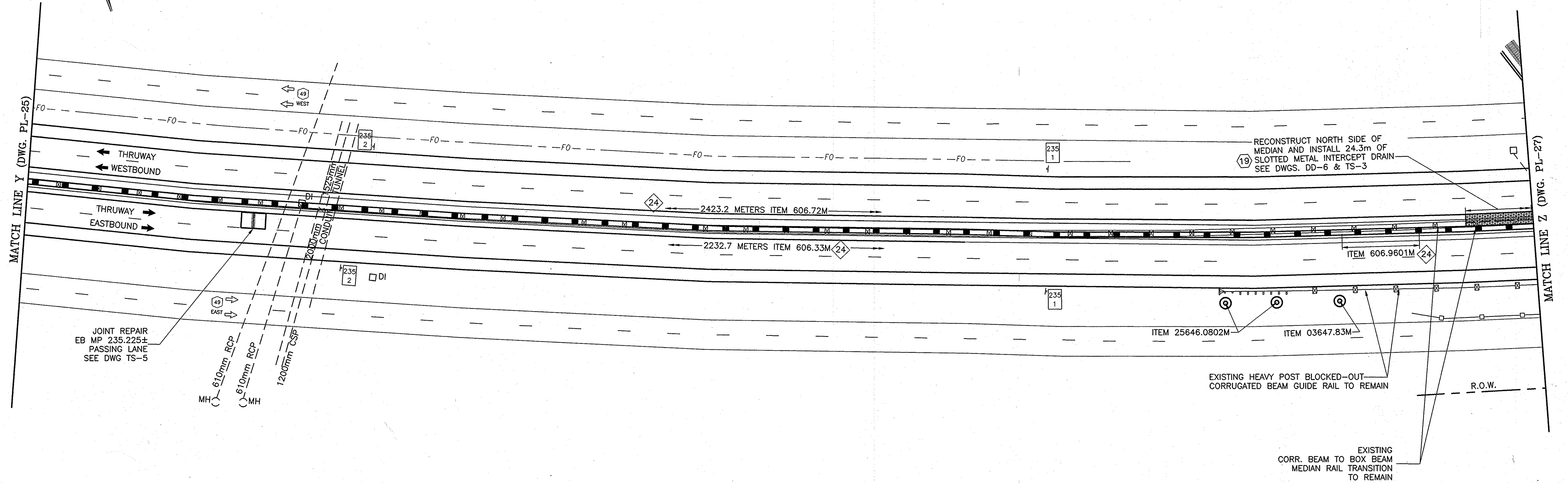
ITEM 25603.1618M - CORRUGATED STEEL PIPE INTERCEPT DRAIN 450mm DIA 16 GA
ITEM 603.801216M - CORRUGATED STEEL PIPE 450mm DIA 16 GA POLY COATED
ITEM 25604.0625M - CONNECTION TO EXISTING DRAINAGE SYSTEM
ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER

- GUIDE RAIL IMPROVEMENT
LOCATION NUMBER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 11-15	NO AS BUILT REVISIONS	<i>John</i>	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
		CONTRACT NUMBER:	TAS 06-38
		DATE:	8/16/06
		DRAWING NUMBER:	PL-25



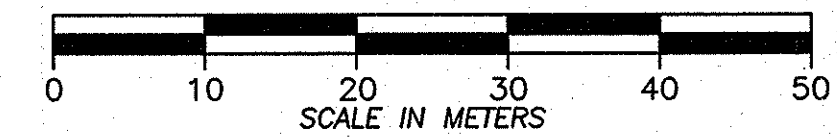
GENERAL PLAN

SCALE: 1 : 500

ITEM LIST:

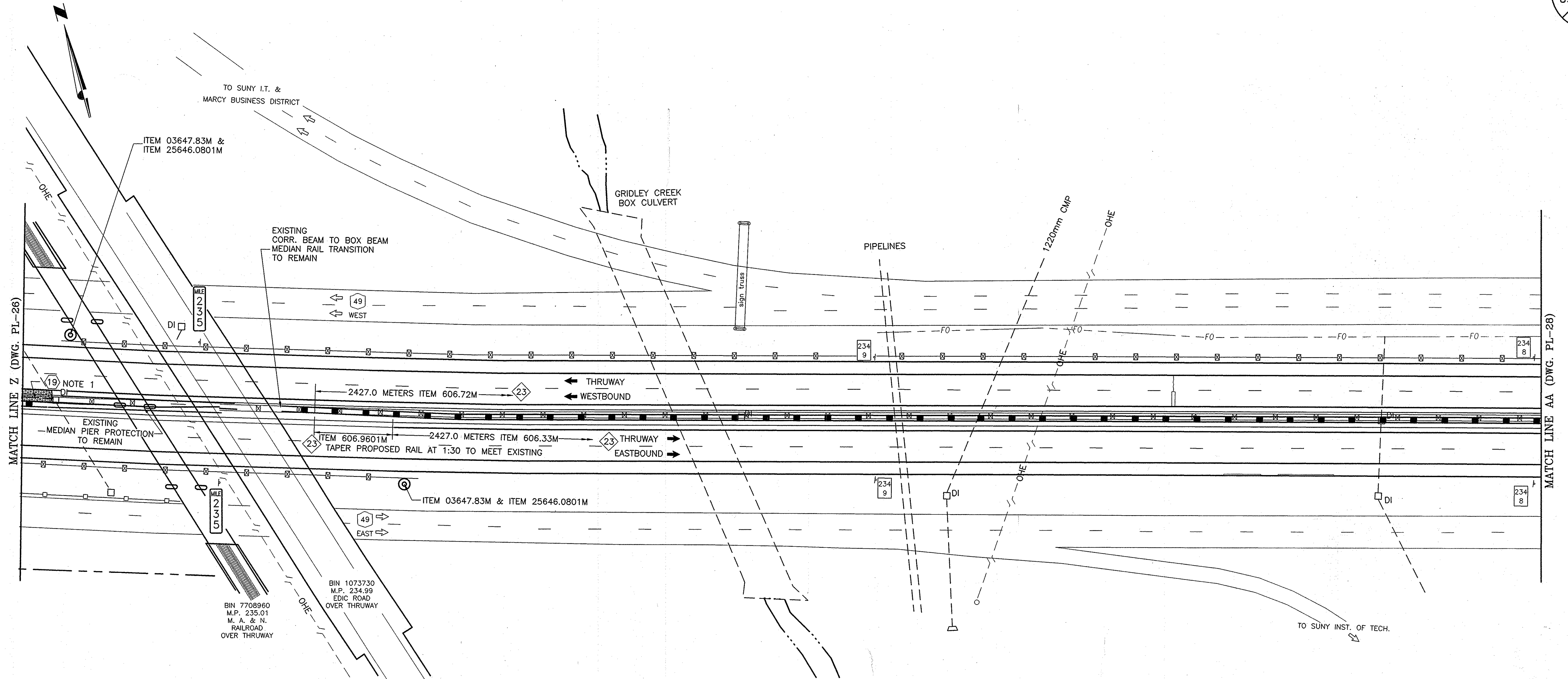
- ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
- ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
- ITEM 606.9601M - MEDIAN BARRIER TRANSITION WEAK POST CORR BM TO HPBO
- ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
- ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS

- # - DRAINAGE / GRADING WORK LOCATION NUMBER
- # - GUIDE RAIL IMPROVEMENT LOCATION NUMBER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

12-907	NO RESULT REVISIONS		
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
		CONTRACT NUMBER: TAS 06-38	
		DATE: 8/23/06	
		DRAWING NUMBER: PL-26	



NOTES:

1) DRAINAGE WORK LOCATION 19 - ITEM 25603.1618M
INSTALL 24.3 METERS OF SLOTTED METAL INTERCEPT DRAIN AS SHOWN ON DRAWING DD-6.
CONNECT TO EXISTING DROP INLET WITH 3.0m OF ITEM 603.801216M AND
ITEM 25604.0625M-CONNECTION TO EXISTING DRAINAGE SYSTEM.
SEE DETAIL ON DRAWING TS-3 ENTITLED "NARROW PAVED MEDIAN WITH
SLOTTED METAL INTERCEPT DRAIN AND FULL DEPTH SHOULDER RECONSTRUCTION"

ITEM LIST:

ITEM 25603.1618M - CORRUGATED STEEL PIPE INTERCEPT DRAIN 450mm DIA., 16 GA.
ITEM 603.801216M - CORRUGATED STEEL PIPE (68x13mm) 450mm DIA., 16 GA. POLYMER COATED
ITEM 25604.0625M - CONNECTION TO EXISTING DRAINAGE SYSTEM
ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.9601M - MEDIAN BARRIER TRANSITION WEAK POST CORR BM TO HPBO
ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS

GENERAL PLAN

SCALE: 1 : 500

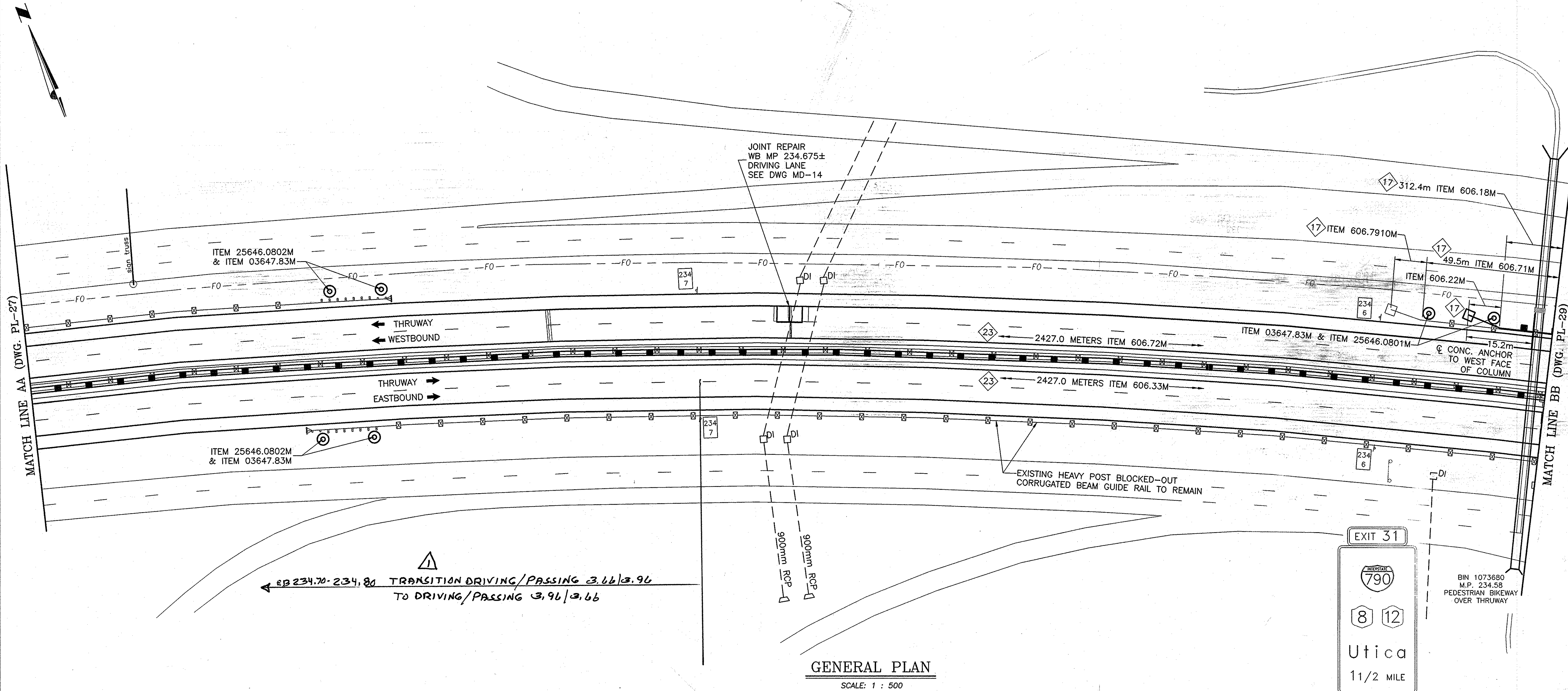
- DRAINAGE / GRADING
WORK LOCATION NUMBER
- GUIDE RAIL IMPROVEMENT
LOCATION NUMBER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

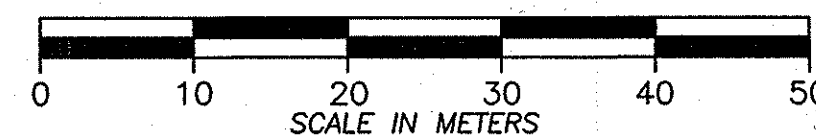
2007 11-15	NO AS BUILT REVISIONS	JMK	
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAA 06-38			
DATE: 8/23/06			
DRAWING NUMBER: PL-27			





ITEM LIST:

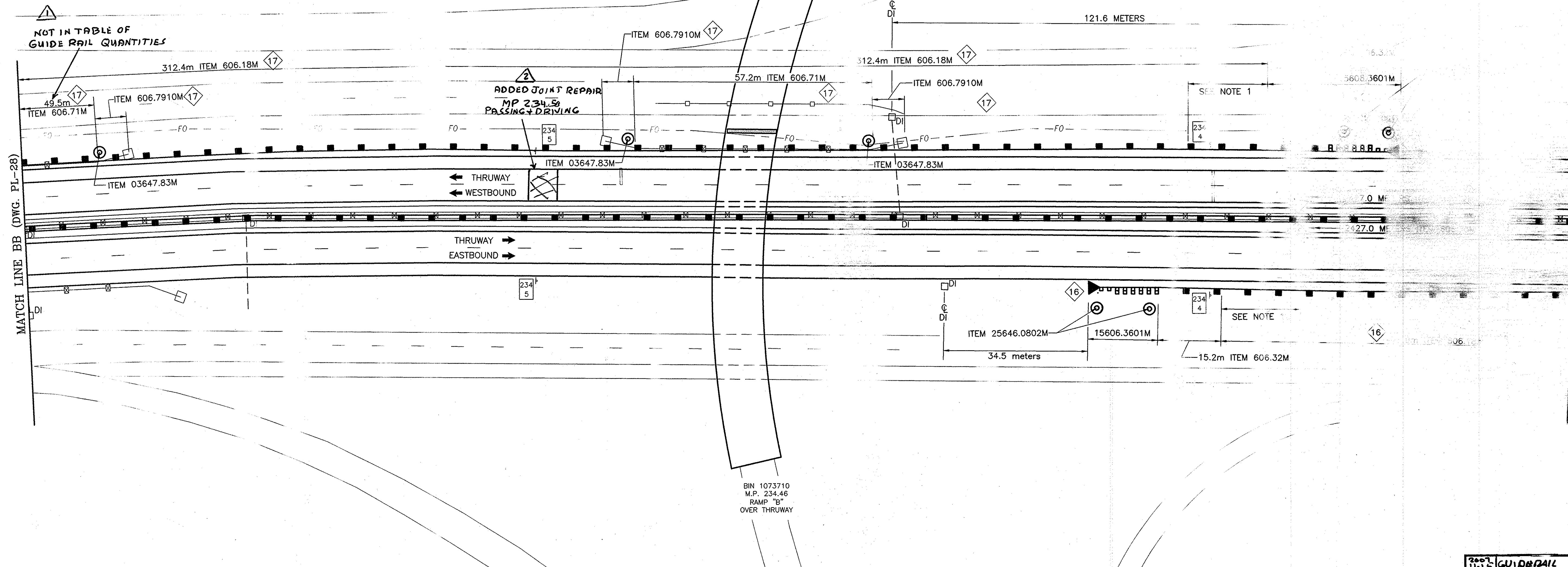
- ITEM 606.18M - MODIFIED WEAK POST, CORRUGATED BEAM GUIDE RAIL
- ITEM 606.22M - ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING
- ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
- ITEM 606.71M - REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAILING
- ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
- ITEM 606.7910M - REMOVING & DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAIL & MEDIAN BARRIER
- ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
- ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
- ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

- GUIDE RAIL IMPROVEMENT
LOCATION NUMBER

11-15	ADDED PRIV'T. WIDTH NOTE		
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38		DATE: 9/5/06	
DRAWING NUMBER: PL-28			



GENERAL PLAN

SCALE: 1 : 500

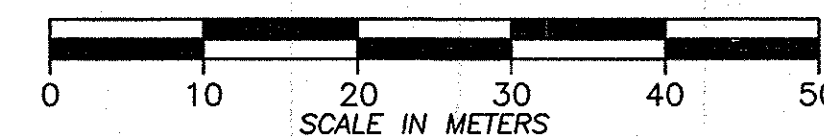
ITEM LIST:

- ITEM 606.18M - MODIFIED WEAK POST, CORRUGATED BEAM GUIDE RAIL
 ITEM 606.32M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING
 ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
 ITEM 15606.3601M - OPTIONAL END TERMINAL FOR HPBO CORRUGATED BEAM GUIDE RAILING, ET 2000+ OR SKT-350, STEEL BREAKAWAY POST
 ITEM 606.71M - REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAILING
 ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
 ITEM 606.7910M - REMOVING & DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAIL & MEDIAN BARRIER
 ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
 ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
 ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS

NOTES:

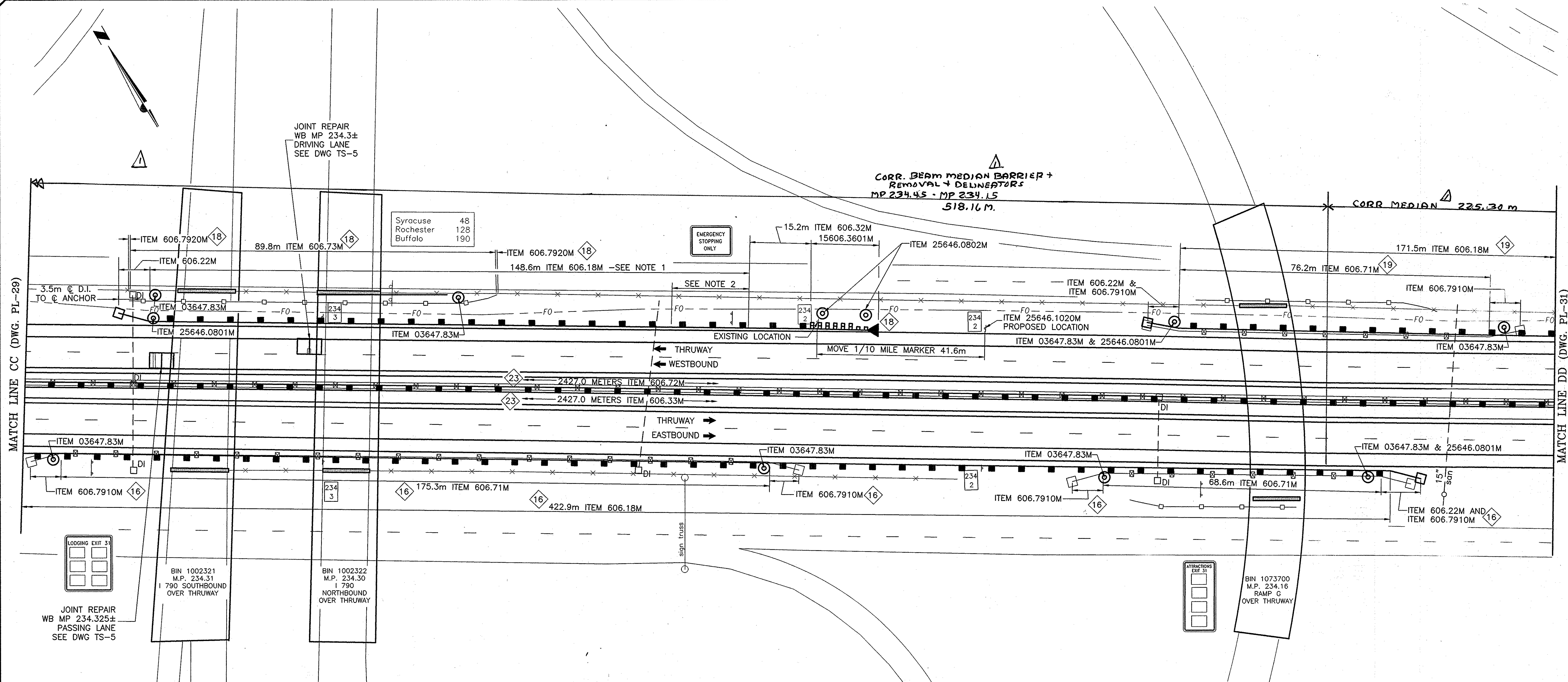
- 1) CONSTRUCT WITH REDUCED POST SPACING AS SHOWN ON NYSDOT STANDARD SHEET M606-18
 2) GUIDE RAIL TRANSITION, CORRUGATED BEAM GUIDE RAILING TO HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAIL. ACTUAL LENGTH OF ITEM 606.18M SHOWN - FOR PAY LENGTH, ADD 10.7 METERS.

◆ GUIDE RAIL IMPROVEMENT
 LOCATION NUMBER



NOTE:
 ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
 UNLESS OTHERWISE NOTED. ALL ELEVATIONS
 ARE SHOWN IN METERS.

2007 11-15	GUIDE RAIL NOTE	John	17
12606	ADDED JT REPAIR	John	17
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE PROJECT MILL & INLAY, TR SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE DRAWING GENERAL PLAN			
		CONTRACT NUMBER: TAS 06-38	
		9/5/06	
		DRAWING NUMBER: PL-29	



GENERAL PLAN

SCALE: 1 : 500

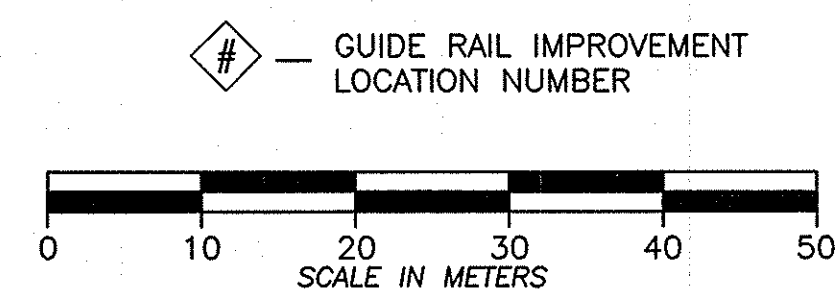
ITEM LIST:

ITEM 606.18M - MODIFIED WEAK POST, CORRUGATED BEAM GUIDE RAIL
ITEM 606.22M - ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING
ITEM 606.32M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING
ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
ITEM 15606.3601M - OPTIONAL END TERMINAL FOR HPBO CORRUGATED BEAM GUIDE RAILING, ET 2000+ OR SKT-350, STEEL BREAKAWAY POST
ITEM 606.71M - REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAILING
ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.73M - REMOVE & DISPOSE BOX BEAM GUIDE RAIL
ITEM 606.7910M - REMOVING & DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAIL & MEDIAN BARRIER
ITEM 606.7920M - REMOVING & DISPOSING BOX BEAM GUIDE RAIL END ASSEMBLY
ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
ITEM 25646.1020M - RESET EXISTING 1/10 MILE MARKER PANEL ON NEW POST
ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS

NOTES:

1) BEFORE BEGINNING GUIDERAIL WORK AT THIS LOCATION, CONTACT ADESTA FOR LOCATION OF FIBER OPTIC LINES. TRAFFIC FACE OF PROPOSED GUIDE RAIL TO BE FLUSH WITH AND PARALLEL TO EDGE OF SHOULDER.

2) CONSTRUCT WITH REDUCED POST SPACING AS SHOWN ON NYSDOT STANDARD SHEET M606-18
"GUIDE RAIL TRANSITION, CORRUGATED BEAM GUIDE RAILING TO HEAVY POST BLOCKED-OUT CORRUGATED
BEAM GUIDE RAIL." ACTUAL LENGTH OF ITEM 606.18M SHOWN - FOR PAY LENGTH, ADD 10.7 METERS.



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 11-K5	ADDED NEW GUIDE RAIL	Landon Lewis	6
DATE	DESCRIPTION	BY	SYS

REVISIONS

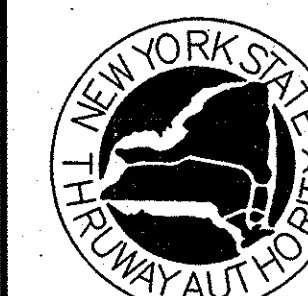
NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING SERVICES
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT
MILL & INLAY, 1R SAFETY IMPROVMENTS
AND MISCELLANEOUS WORK

LOCATION OF PROJECT
SYRACUSE DIVISION
MP 233.5 - MP 240.9

TITLE OF DRAWING

GENERAL PLAN



CONTRACT NUMBER:	TAS 06-38
------------------	-----------

DATE: 8/8/06

DRAWING NUMBER:
PL-3C

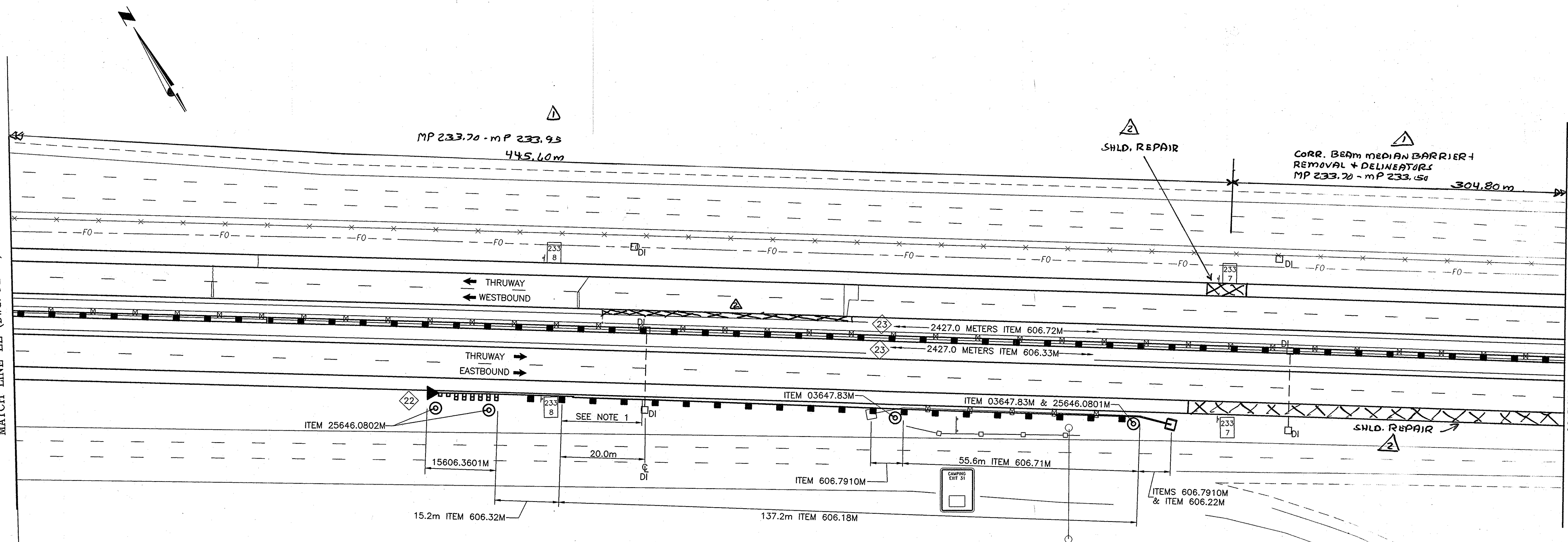
CONTRACT NUMBER:	TAS 06-38
DATE:	8/22/06
DRAWING NUMBER:	PL-31

F:\2006\MP 233.5 - MP 240.9\PL
CHECKED BY: B. KOSLOSKE
DRAFTED BY: K. KETZ
DESIGNED BY: B. KOSLOSKE
IN CHARGE OF: A. MASTROIANNI

94 81
98

MATCH LINE EE (DWG. PL-31)

MATCH LINE FF (DWG. PL-33)



GENERAL PLAN

SCALE: 1 : 500

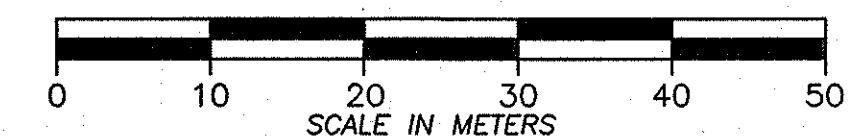
ITEM LIST:

- ITEM 606.18M - MODIFIED WEAK POST, CORRUGATED BEAM GUIDE RAIL
- ITEM 606.22M - ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAILING
- ITEM 606.32M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING
- ITEM 606.33M - HEAVY POST BLOCKED OUT CORRUGATED BEAM MEDIAN BARRIER
- ITEM 15606.3601M - OPTIONAL END TERMINAL FOR HPBO CORRUGATED BEAM GUIDE RAILING, ET 2000+ OR SKT-350, STEEL BREAKAWAY POST
- ITEM 606.71M - REMOVING & DISPOSING CORRUGATED BEAM GUIDE RAILING
- ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER
- ITEM 606.7910M - REMOVING & DISPOSING ANCHORAGE UNITS FOR CORRUGATED BEAM GUIDE RAIL & MEDIAN BARRIER
- ITEM 25646.0801M - INSTALL SNOWPLOW MARKER, SINGLE UNIT
- ITEM 25646.0802M - INSTALL SNOWPLOW MARKER, DOUBLE UNIT
- ITEM 03647.83M - REMOVAL & DISPOSAL OF DELINEATORS AND/OR REFERENCE MARKERS

NOTES:

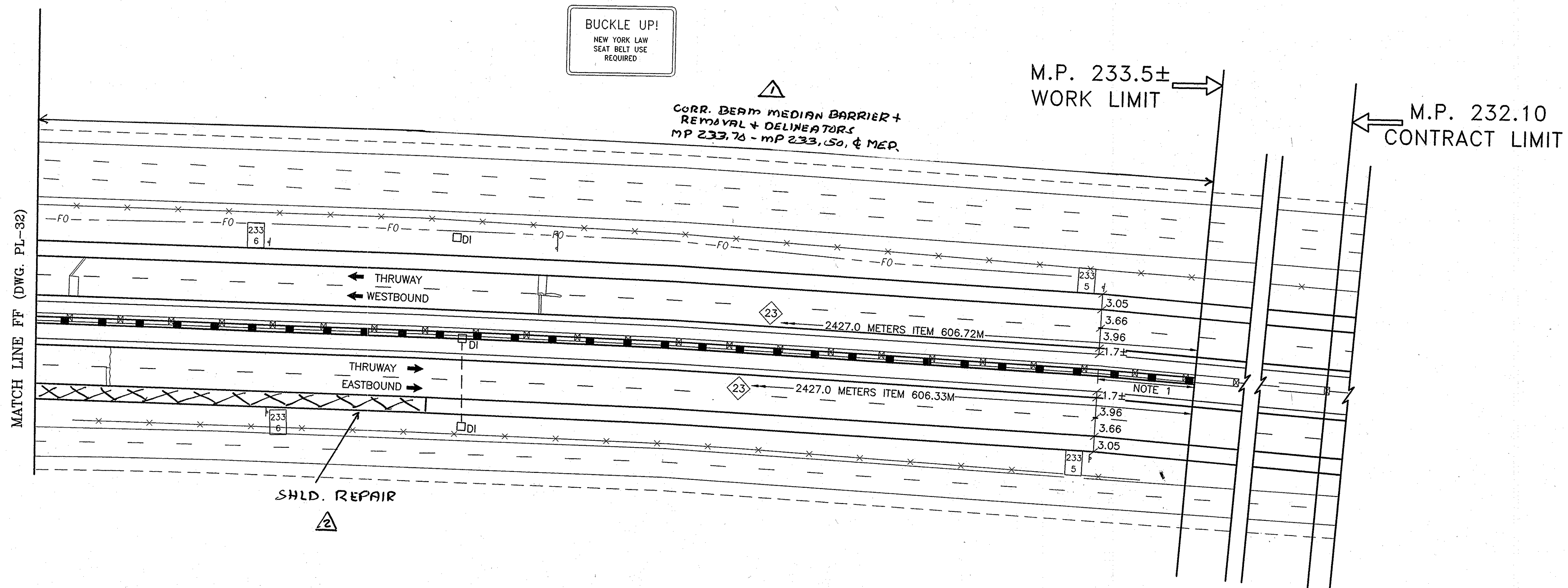
- 1) CONSTRUCT WITH REDUCED POST SPACING AS SHOWN ON NYSDOT STANDARD SHEET M606-18 "GUIDE RAIL TRANSITION, CORRUGATED BEAM GUIDE RAILING TO HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAIL." ACTUAL LENGTH OF ITEM 606.18M SHOWN - FOR PAY LENGTH, ADD 10.7 METERS.

- # - DRAINAGE / GRADING WORK LOCATION NUMBER
- # - GUIDE RAIL IMPROVEMENT LOCATION NUMBER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 11-15	ADDED NEW GUIDE RAIL	<i>[Signature]</i>	1
2007 11-15	ADDED NEW SHLD. REPAIR	<i>[Signature]</i>	2
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38			
DATE: 6/29/06			
DRAWING NUMBER: PL-32			



GENERAL PLAN

SCALE: 1 : 500

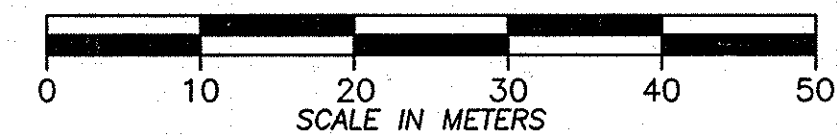
NOTES:

- 1) REMOVE & DISPOSE 19.0 METER LONG TRANSITION FROM WEAK POST CORRUGATED BEAM TO HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER-PAY UNDER ITEM 606.72M.
INSTALL 19.0 METERS OF HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER- ITEM 606.33M.

- # — DRAINAGE / GRADING
WORK LOCATION NUMBER
— GUIDE RAIL IMPROVEMENT
LOCATION NUMBER

ITEM LIST:


- ITEM 606.33M - HEAVY POST BLOCKED-OUT CORRUGATED BEAM MEDIAN BARRIER
ITEM 606.72M - REMOVING & DISPOSING CORRUGATED BEAM MEDIAN BARRIER



NOTE:
ALL DIMENSIONS ARE SHOWN IN MILLIMETERS
UNLESS OTHERWISE NOTED. ALL ELEVATIONS
ARE SHOWN IN METERS.

2007 11-15	ADDED NEW GUIDE RAIL	Sandra Lewis	△
2007 11-15	ADDED NEW SHLD. REPAIR	Sandra Lewis	△
DATE	DESCRIPTION	BY	SYM.
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209			
TITLE OF PROJECT MILL & INLAY, 1R SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 - MP 240.9			
TITLE OF DRAWING GENERAL PLAN			
CONTRACT NUMBER: TAS 06-38			
DATE: 7/12/06			
DRAWING NUMBER: PL-33			



2009 11-15	NO AS BUILT REVISIONS	Sandwich	
DAT	DESCRIPTION	BY	SYM
REVISIONS			
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY N.Y. 12209			
TITLE OF PROJECT MILL & INLAY OR SAFETY IMPROVEMENTS AND MISCELLANEOUS WORK			
LOCATION OF PROJECT SYRACUSE DIVISION MP 233.5 TO MP 240.9			
TITLE OF DRAWING MILE MARKER, TENTH MILE MARKER, DELINEATOR, AND SNOWPLOW MARKER LAYOUT PLANS			
		CONTRACT NUMBER: TAS 06-38 DATE: 6/05 DRAWING NUMBER: DMM-2	

[illegible]

GENERAL NOTES

1. THE FOLLOWING SHALL BE IN ACCORDANCE WITH THE NYS MUTCD REQUIREMENTS FOR THE SPECIFIED MUTCD SIGN CODE:
 - A. LETTER SIZE AND SERIES
 - B. LEGEND & BACKGROUND COLOR
 - C. REFLECTIVITY
 - D. SIZE AND SHAPE OF SIGN
2. THE TYPE OF CHARACTERS AS SPECIFIED IN THE STANDARD SPECIFICATIONS SHALL BE AS FOLLOWS:

MUTCD CODE LETTER	TYPE OF CHARACTER
G & I	IV
R, P, W, & M	IV OR V

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED

<i>REVISIONS</i>	
NEW YORK STATE THRUWAY AUTHORITY DEPARTMENT OF ENGINEERING SERVICES 200 SOUTHERN BLVD., ALBANY, N.Y. 12209	
TITLE OF PROJECT	MILL & INLAY, 1R SAFETY IMPROVEMENTS & MISCELLANEOUS WORK
LOCATION OF PROJECT	SYRACUSE DIVISION MP 233.5 -MP 240.9
TITLE OF DRAWING	

DRAWING NUMBER:
STD-1

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED