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19025-8229-14
19025-3229-94
BEGIN PROJ. NO. NH/HSIP-6(104)
(L.M. 19.70)

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 2006 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT ROAD SP. SV. 2 BILLY BINION
DESIGNER ALVIN R. WHITE CHECKED BY TERRY ARNOLD
P.E. NO. 98034-4299-04
PIN NO. 083925.01

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

DAVIDSON COUNTY

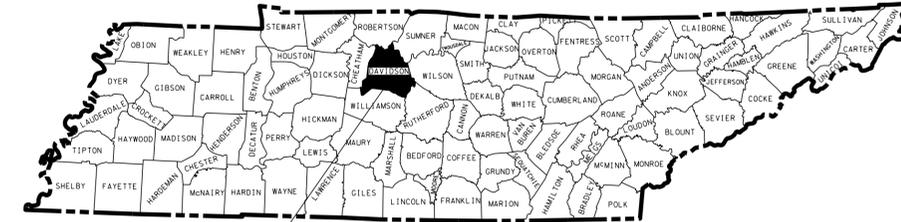
STATE ROUTE NO. 6
FROM SOUTH OF ONE MILE PARKWAY (L.M. 19.70)
TO MYATT DRIVE (L.M. 21.05)

RESURFACING

STATE HIGHWAY NO. 6 F.A.H.S. NO. 31E



SCALE: 1" = 1 MILE



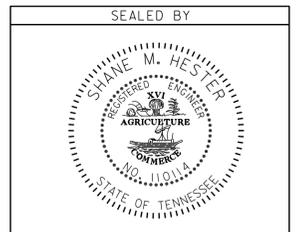
PROJECT LOCATION

NO EXCLUSIONS

19025-8229-14
19025-3229-94
END PROJ. NO. NH/HSIP-6(104)
(L.M. 21.05)



TRAFFIC DATA	
ADT (2014)	34210
V	35-45 MPH



APPROVED: Paul D. Degges
PAUL D. DEGGES, CHIEF ENGINEER

DATE: _____

APPROVED: John Schroer
JOHN SCHROER, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	NH/HSIP-6(104)	2

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	19025-3229-94 QUANTITY	19025-8229-14 QUANTITY	TOTAL QUANTITY
(1)(2) 303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	75	722	797
(15) 307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	TON		500	500
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON		31	31
(3) 411-02.10	ACS MIX(PG70-22) GRADING D	TON		4617	4617
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON		4568	4568
611-01.20	ADJUSTMENT OF EXISTING MANHOLE	EACH		12	12
611-01.23	ADJUSTMENT OF WATER VALVE	EACH		5	5
701-02.01	CONCRETE CURB RAMP (RETROFIT)	S.F.	8		8
705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	3		3
(4) 712-01	TRAFFIC CONTROL	LS		0.33	0.33
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH		50	50
712-05.01	WARNING LIGHTS (TYPE A)	EACH		4	4
(5)(6) 712-06	SIGNS (CONSTRUCTION)	S.F.		662	662
712-08.03	ARROW BOARD (TYPE C)	EACH		2	2
713-11.01	"U" SECTION STEEL POSTS	LB.	630		630
713-16.20	SIGNS (R3-17 BIKE LANE)	EACH	10		10
713-16.23	SIGNS (W11-1 "FYG")	EACH	1		1
713-16.24	SIGNS (W16-1P "FYG")	EACH	1		1
713-16.28	SIGNS (M6-6L)	EACH	1		1
713-16.29	SIGNS (R4-4 BEGIN RIGHT TURN LANE YIELD TO BIKES)	EACH	5		5
713-16.35	SIGNS (M6-1 L/R)	EACH	2		2
713-16.50	REMOVE AND REPLACE SIGN (BIKE SIGNS)	EACH	2		2
716-01.22	SNWPLWBLE PVMT MRKRS (MONO-DIR)(1 COLOR)	EACH	179		179
716-01.23	SNWPLWBLE PVMT MRKRS (BI-DIR)(2 COLOR)	EACH	179		179
(7)(10) 716-02.04	PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	225	25	250
(7) 716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		370	370
(7) 716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		29	29
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH		4	4
(7) 716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.		360	360
(7) 716-03.05	PLASTIC WORD PAVEMENT MARKING (BIKE LANE)	EACH	1		1
716-04.02	PLASTIC PAVEMENT MARKING (DOUBLE TURNING ARROW)	EACH		5	5
716-04.03	PLASTIC PAVEMENT MARKING (4" DOTTED LINE)	L.F.	2660		2660
716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	EACH	36		36
(8)(11) 716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	4.25	7.5	11.75
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.		1.5	1.5
716-10.30	TRUNCATED DOME DETECTABLE WARNING MAT	S.F.	8		8
(12) 716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	L.M.	2.1	7.5	9.6
(9)(13) 716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	2.15	1.5	3.65
(14) 716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	1700	775	2475
717-01	MOBILIZATION	LS		0.33	0.33
730-14.02	SAW SLOT	L.F.		4800	4800
730-14.03	LOOP WIRE	L.F.		10500	10500

FOOTNOTES

- TO BE USED AS DIRECTED BY ENGINEER.
- INCLUDES 75 TONS FOR GUARDRAIL END TERMINALS.
- INCLUDES 244 TONS FOR COUNTY ROADS, RAMPS AND BUSINESS ENTERANCES. USE RIDEABILITY SPECIFICATION SEE SPECIAL PROVISION NO. 411C, USE MATERIAL TRANSFER DEVICE, SEE SPECIAL PROVISION NO. 407G AND SPECIAL PROVISION NO. 407SE.
- THE CONTRACTOR SHALL COMPLY WITH SECTION 712 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION REGARDING TEMPORARY TRAFFIC CONTROL AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- SEE SIGN TABULATION BLOCK THIS SHEET FOR DETAILS.
- IN THE EVENT THAT A CONSTRUCTION AND/OR REGULATORY SIGN IS TEMPORARILY DESIGNATED NOT IN USE DURING THE CONSTRUCTION PHASE OF A PROJECT, THE CONTRACTOR SHALL CHOOSE A SIGN COVERING METHOD FROM A DESIGNATED LIST OF METHODS ACCEPTED BY THE DEPARTMENT. SAID SIGN COVERING METHOD SHALL BE SELECTED FROM QUALIFIED PRODUCTS LIST 10, SECTION D OR APPROVED BY THE DIVISION OF MATERIALS AND TEST AND SHALL BE USED TO COVER THESE SIGNS. NO OTHER METHOD FOR SIGN COVERING WILL BE ALLOWED. TEMPORARY SIGN COVERINGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- QUANTITY BASED ON EXISTING PAVEMENT MARKING AND EDGELINE. TO BE USED ON THE COLD PLANED SURFACE ONLY.
- QUANTITY BASED ON EXISTING PAVEMENT MARKING AND EDGELINE. TO BE USED ON THE FINAL SURFACE ONLY.
- INCLUDES 225 S.Y. TO BE USED FOR BIKEWAY IMPROVEMENTS.
- INCLUDES 4.25 LM TO BE USED FOR BIKEWAY IMPROVEMENTS.
- INCLUDES 2.10 LM TO BE USED FOR BIKEWAY IMPROVEMENTS.
- INCLUDES 2.15 LM TO BE USED FOR BIKEWAY IMPROVEMENTS.
- INCLUDES 1700 LF TO BE USED FOR BIKEWAY IMPROVEMENTS.
- TO BE USED AS DIRECTED BY THE ENGINEER FOR SPOT LEVELING.

SIGNS (CONSTRUCTION) 712-06

QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE	712-06 S.F.
2	G20-1	ROAD WORK NEXT 1.35 MILES	48 x 24	16
2	G20-2	END ROAD WORK	48 x 24	16
2	W20-1	ROAD WORK 1500'	48 x 48	32
2	W20-1	ROAD WORK 1000'	48 x 48	32
2	W20-1	ROAD WORK 500'	48 x 48	32
16	W20-1	ROAD WORK AHEAD	48 x 48	256
2	W20-4	ONE LANE ROAD 1000' - PORTABLE	36 x 36	18
2	W20-7a	FLAGGER SYMBOL - PORTABLE	36 x 36	18
2	W16-2	SUPPLEMENTAL PLATE	24 x 18	6
2	W21-2	FRESH OIL - PORTABLE	36 x 36	18
2	W21-5	SHOULDER WORK - PORTABLE	36 x 36	18
2	W20-5	LEFT LANE CLOSED AHEAD	48 x 48	32
2	W20-5	RIGHT LANE CLOSED AHEAD	48 x 48	32
2	W4-2	LANE CLOSED MERGE LEFT - SYMBOL	48 x 48	32
2	W4-2	LANE CLOSED MERGE RIGHT - SYMBOL	48 x 48	32
2	W8-9a	SHOULDER DROP-OFF - PORTABLE	36 x 36	18
6	W8-11	UNEVEN LANES - PORTABLE	36 x 36	54
TOTAL S.F.				662

OTHER SIGNS, AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION AND WILL BE MEASURED AND PAID FOR AT THE UNIT BID PRICE. SEE CURRENT M.U.T.C.D. FOR STANDARDS AND TYPICAL APPLICATIONS.

HANDICAP RAMPS

LOCATION	REPAIR	NEW	STD. DWG.	QUANTITY 716-10.30 (S.F.)
MYATT DR./RIVERGATE PKWY.	1		RP-H-3	8
TOTAL				8

GUARDRAIL

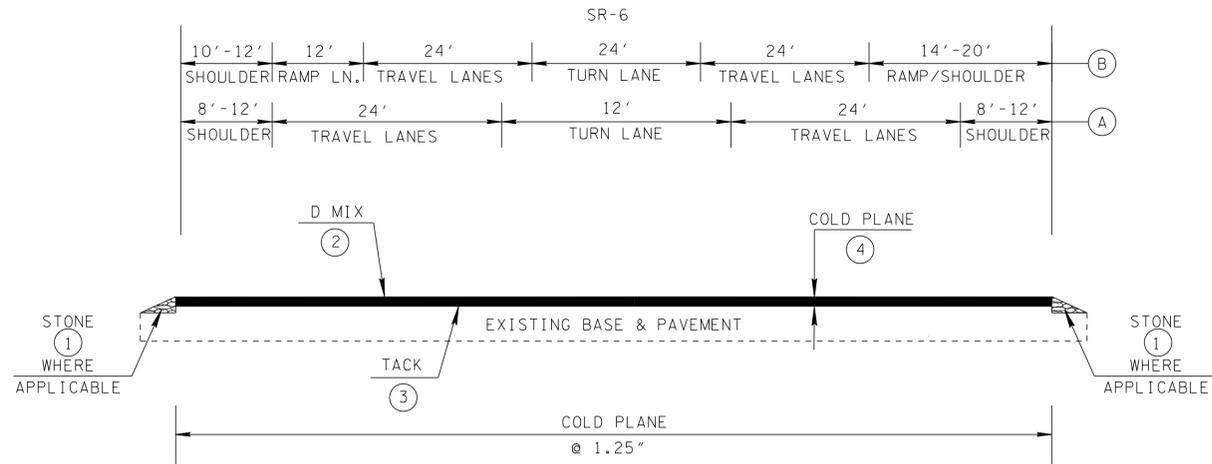
LOCATION	SIDE		ANCHOR TYPE 38 705-04.07 (EACH)
	LT	RT	
L.M. 20.087	X		1
L.M. 20.137	X		1
L.M. 20.137		X	1
			3

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

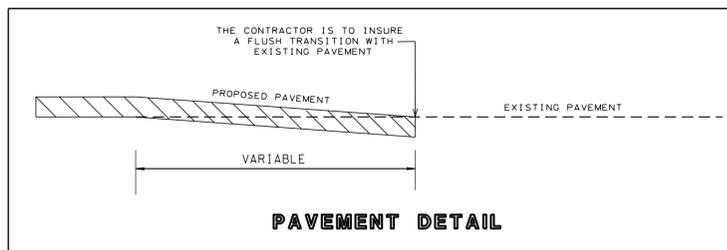
ESTIMATED ROADWAY QUANTITIES & SIGN TABULATED QUANTITIES



TYPICAL SECTIONS

- (A) L.M. 19.70 TO L.M. 20.93
- (B) L.M. 20.93 TO L.M. 21.05

PAVING SCHEDULE	
1	STONE @ 2.00" THICK 303-01 MIN. AGG., TYPE A BASE, GRADING D
2	GRADING "D" SURFACE @ 1.25" THICK (APPROX 132.5 LBS/SY) 411-02.10 ASC MIX (PG70-22) GRADING D
3	TACK COAT @ 0.10 GAL/SY 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
4	COLD PLANING @ 1.25" 415-01.01 COLD PLANING OF BUTUMINOUS PAVEMENT NOTE: COLD PLANING DEPTHS HAVE AN ALLOWABLE TOLERANCE OF 0.50"



PAVEMENT DETAIL

SPECIAL NOTES

THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK AND INCLUDE ALL COSTS THEREOF IN THE PRICES BID FOR OTHER ITEMS OF CONSTRUCTION:

- (1) REPAIR OF SHOULDERS AND DITCHES. SHOULDERS SHALL BE DEGRASSED, MATERIAL SHALL BE PICKED UP AND REMOVED NOT LEFT IN DITCHES.
- (2) CONTRACTOR WILL BE RESPONSIBLE FOR STAKING HIS CONSTRUCTION SIGNS.

UTILITY ADJUSTMENTS		
TYPE	OWNER	NUMBER
SEWER MANHOLE	METRO/MADISON	3
TELEPHONE MANHOLE	AT&T	5
GAS VALVE	PIEDMONT	5
WATER VALVE	METRO	5
STATE STORM DRAIN ADJUSTMENTS		
CATCHBASINS		
MANHOLES		4
AREA DRAINS		

SPECIAL BRIDGE NOTES

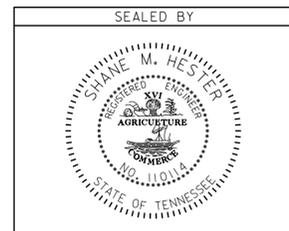
- (1) COLD PLANE 1.25" OF THE EXISTING ASPHALT AND REPLACE WITH 1.25" NEW ASPHALT AT:
DRY CREEK (L.M. 20.10)
- (2) THE CONTRACTOR SHOULD TAKE EXTREME CARE WHEN COLD PLANING THE EXISTING ASPHALT OFF BRIDGE DECK, SO AS NOT TO DAMAGE THE EXISTING DECK, SEALANT AND/OR EXPANSION JOINT MEMBERS (STEEL PLATES, BARS, AND/OR HEADERS). IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY REPAIRS ON ALL DAMAGED MEMBERS TO THE SATISFACTION OF OF THE PROJECT ENGINEER AT NO ADDITIONAL COST.

Pre-Construction Ride Numbers

Project Ref. No.	NH/HSIP-6(104)	Contract No.	N/A
Project No.	19025-3229-94	Region	3
Contractor	To Be Awarded	County	DAVIDSON
Weather / Temp.	SUNNY	Route	6
Standard Specs.	55.0	Test Date	April 17, 2014
Equip. Calib. Date	April 17, 2014	Test No.	1
		Pre-Con Test Date	April 17, 2014

Test Performed by TDOT Road Profiler									Average Roughness
Test Limits		Direction and Measured Roughness (HC-IRI Number Per Mile)							Pre-Constuction
From	To	NSEW	*Lane	Pre Ride Number	Payment Table	Max. # for Final Ride	Min. Required % Improvement	Percent Pay	HC-IRI Number Per Mile
0.00	1.00	N	1	67	Table 1	55.0		100	66.5
1.00	1.29	N	1	81	Table 2	56.7	30	100	
0.00	1.00	N	2	66	Table 1	55.0		100	
1.00	1.28	N	2	65	Table 1	55.0		100	
0.00	1.00	S	1	61	Table 1	55.0		100	
1.00	1.30	S	1	58	Table 1	55.0		100	
0.00	1.00	S	2	58	Table 1	55.0		100	
1.00	1.30	S	2	76	Table 1	55.0		100	

*Lanes to be Left to Right each Direction - 1,2,3,4, etc. with 1 being the Inside Lane



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	NH/HSIP-6(104)	3

GENERAL NOTES

GUARDRAIL

- (1) THE PROPOSED GUARDRAIL, INCLUDING ANY ANCHOR SYSTEM, SHALL BE INSTALLED QUICKLY TO MINIMIZE TRAFFIC EXPOSURE TO ANY HAZARD. NO PAYMENT WILL BE MADE FOR A SECTION OF PROPOSED GUARDRAIL, INCLUDING ANCHORS, UNTIL IT IS COMPLETE IN PLACE.

MISCELLANEOUS

- (1) THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES WHERE AND AS DIRECTED BY THE ENGINEER.
- (2) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS

- (1) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAYS WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.01, PAINTED PAVEMENT MARKING (4" LINE), L.M.
- (2) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAYS WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.20, PAINTED PAVEMENT MARKING (6" LINE), L.M.

FINAL PAVEMENT MARKING IF 4" ENHANCED FLATLINE THERMOPLASTIC IS USED

- (3) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 4" ENHANCED FLATLINE THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-12.01, ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

FINAL PAVEMENT MARKING IF 6" ENHANCED FLATLINE THERMOPLASTIC IS USED

- (4) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 6" ENHANCED FLATLINE THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-12.02, ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

PAVEMENT

PAVING

- (1) THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE DIRECTION OF TRAFFIC.
- (2) THE CONTRACTOR SHALL BE REQUIRED TO COLD PLANE AND PAVE IN THE DIRECTION OF TRAFFIC.

RESURFACING

- (3) WHERE DIRECTED BY THE TDOT ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SHAPE PUBLIC SIDE ROADS, BUSINESS ENTRANCES, AND PRIVATE DRIVES, AS WELL AS CLEANING OF EXISTING DRAINS BEFORE PLACING MATERIALS. ALL COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

- (4) ALL PUBLIC SIDE ROADS SHALL BE PAVED ONE PAVER WIDTH THROUGH THE INTERSECTION AS A MINIMUM. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE INTERSECTING PUBLIC ROAD OR BUSINESS ENTRANCE SHALL BE PROVIDED. SHOULD THE PAVEMENT OF THE INTERSECTING PUBLIC ROAD BE DISTRESSED, THE RESURFACING WIDTH MAY BE INCREASED TO THE NORMAL RIGHT OF WAY LINE.
- (5) PRIVATE DRIVEWAYS, FIELD ENTRANCES, AND BUSINESS ENTRANCES WILL BE RESURFACED A PAVER WIDTH (LANE WIDTH) AS A MINIMUM. A PAVEMENT TAPER TO TRANSITION THE NEW PAVEMENT SHALL BE REQUIRED. IT SHALL BE BASED ON AN ADDITIONAL ONE FOOT OF WIDTH PER ONE INCH DEPTH OF PAVEMENT. IF THE SHOULDER IS NARROW ENOUGH THAT THE SUM OF THE SHOULDER AND THE TRANSITION ARE LESS THAN A PAVER WIDTH, THE TRANSITION SHALL OCCUR WITHIN THE PAVER WIDTH. IF THE SUM OF THE SHOULDER AND THE TRANSITION IS GREATER THAN A PAVER WIDTH (LANE WIDTH), THE TRANSITION SHALL OCCUR OUTSIDE OF THE PAVER WIDTH.
- (6) IN ALL CASES, THE LENGTH OF THE PAVEMENT TRANSITION, THE THICKNESS AND WIDTH OF THE RESURFACING AND ANY ADDITIONAL PAVEMENT MATERIALS SHALL BE AS DIRECTED BY THE TDOT ENGINEER.

SIGNALIZATION

- (7) IF RESURFACING IS INCLUDED IN THE PROJECT, SIGNAL DETECTION LOOPS SHALL BE INSTALLED BEFORE THE FINAL SURFACE IS APPLIED.
- (8) THE PROJECT ENGINEER SHALL NOTIFY THE LOCAL GOVERNMENTAL AGENCY RESPONSIBLE FOR TRAFFIC CONTROL MAINTENANCE AT LEAST ONE DAY IN ADVANCE OF THE COLD PLANING ACTIVITY AT SIGNALIZED INTERSECTIONS WHERE DETECTOR LOOPS ARE ON THE PAVEMENT. THE MAINTAINING AGENCY WILL THEN BE RESPONSIBLE FOR DISCONNECTING THE LOOP DETECTORS AND MAKING ANY NECESSARY TIMING ADJUSTMENTS IN THE SIGNAL CONTROLLER PRIOR TO THE CONSTRUCTION.
- (9) LOOPS SHALL BE INSTALLED IN THE LEVELING COURSE IF A LEVELING COURSE IS PROVIDED.
- (10) LOOP REPLACEMENT SHALL BE IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.
- (2) IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- (3) A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
- (4) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- (5) USE OF BARRICADES, PORTABLE BARRIER RAILS, VERTICAL PANELS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- (6) THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN

SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF A OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE.. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

EROSION PREVENTION AND SEDIMENT CONTROL

LITTER, DEBRIS, WASTE, PETROLEUM

- (1) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS WILL BE PICKED UP AND REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS. AFTER USE, MATERIALS USED FOR EPSC WILL BE REMOVED FROM THE SITE.
- (2) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA). APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED. ALL SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING GROUNDWATER, SHOULD A SPILL OCCUR.

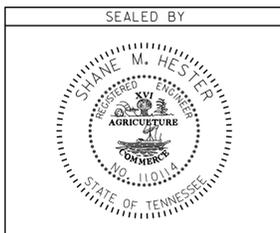
SPECIAL NOTES

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

- (1) DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:
- (2) DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 2 INCHES:
 - a. WARNING SIGNS, UNEVEN PAVEMENT (W8-11) AND/OR SHOULDER DROP-OFF (W8-9A), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
 - b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.

MISCELLANEOUS

- (1) THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE FOLLOWING WORK AND INCLUDE ALL COSTS THEREOF IN THE PRICES BID FOR OTHER ITEMS OF CONSTRUCTION: REPAIR OF SHOULDERS AND DITCHES. SHOULDERS SHALL BE DEGRASSED, MATERIAL SHALL BE PICKED UP AND REMOVED. CLEANING AND STRAIGHTENING ENDS OF EXISTING SIDEDRAINS AND CROSSDRAINS WHERE DIRECTED BY THE ENGINEER.
- (2) THE CONTRACTOR SHALL TAKE EXTREME CARE WHEN WORKING AROUND EXISTING GUARDRAIL, HIGHWAY SIGNS, OR ANY DEPARTMENT OF TRANSPORTATION STRUCTURE TO AVOID DAMAGE DURING THE COURSE OF CONSTRUCTION. ANY DAMAGE WILL BE REPLACED OR REPAIRED AT HIS OWN EXPENSE.



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES
AND
SPECIAL NOTES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	NH/HSIP-6(104)	3A

SPECIAL NOTES (CONT.)

PAVEMENT MARKINGS

- (1) THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH AND LOCATE ALL NO-PASSING ZONES. THE ESTABLISHMENT OF NO-PASSING ZONES IS TO BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009, PART III, MARKING. ALL NO-PASSING ZONES WILL BE APPROVED BY THE ENGINEER WITH ADVICE FROM THE REGIONAL TRAFFIC ENGINEER PRIOR TO THE MARKING APPLICATION.
- (2) THE CONTRACTOR IS TO PROVIDE THE LAYOUT OF ALL EXISTING PAVEMENT MARKINGS BEFORE BEGINNING THE RESURFACING PROJECT. EXISTING MARKINGS SHALL BE REFERENCED AS NEEDED TO ENSURE THAT ALL NEW MARKINGS ARE REPLACED IN THEIR CORRESPONDING LOCATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

PAVEMENT

PAVING

- (3) SURFACE TO BE CROWNED AS DIRECTED BY THE ENGINEER..

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- (1) THE CONSTRUCTION SIGNS, FLAGMEN AND OTHER TRAFFIC CONTROL DEVICES WILL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (2) ONE ADVANCE ROAD CONSTRUCTION AHEAD SIGN IS TO BE PLACED ON ALL SIDE ROADS PRIOR TO THEIR INTERSECTION WITH THE PROPOSED PROJECT. LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER OR CONTRACTORS SUPERINTENDENT.

EROSION PREVENTION AND SEDIMENT CONTROL

ENVIRONMENTAL

FOR GUARDRAIL TERMINALS

- (1) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS BEFORE CONSTRUCTING EARTH PADS FOR THE TYPE 38 TERMINALS TO ENSURE THAT ENVIRONMENTAL FEATURES (STREAMS, WETLANDS, OR SPRINGS) ARE NOT IMPACTED DURING CONSTRUCTION. IF THE CONTRACTOR / TDOT INSPECTOR IS UNSURE WHETHER THE ENVIRONMENTAL FEATURES ARE STREAMS, SPRINGS OR WETLANDS, THE INSPECTOR SHALL CONTACT THE TDOT ENVIRONMENTAL DIVISION ECOLOGY OR PERMITS SECTION SO AN ACCURATE DETERMINATION CAN BE ASSESSED.
- (2) DURING CONSTRUCTION OF THE EARTH PADS FOR THE TYPE 38 GUARDRAIL TERMINALS, EXISTING VEGETATION WILL BE REQUIRED TO BE REMOVED FOR THE PROPOSED PAD AND SLOPES. IF DURING THE VEGETATION REMOVAL, ANY TREES GREATER THAN 3 INCHES IN DIAMETER ARE REQUIRED TO BE REMOVED, CONTACT THE TDOT ENVIRONMENTAL DIVISION ECOLOGY SECTION IMMEDIATELY. DUE TO THE RECENT MODIFICATION OF THE USFWS STANCE REGARDING THE INDIANA BAT NO TREES > 3" DBH SHOULD BE CUT WITHOUT CLEARANCE FROM THE TDOT ENVIRONMENTAL DIVISION ECOLOGY SECTION.

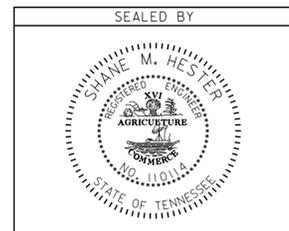
NPDES

- (1) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS, BEFORE CLEANING OUT OR REMOVAL/REPLACEMENT OF DITCHES, SIDE DRAINS, AND CROSS DRAINS, TO ENSURE THAT THE DRAINAGE FEATURES / WATERCOURSES ARE NOT STREAMS OR WETLANDS. IF THE CONTRACTOR / TDOT INSPECTOR IS UNSURE WHETHER THE DRAINAGE FEATURES ARE STREAMS OR WETLANDS, THE INSPECTOR SHALL CONTACT THE TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION TO OBTAIN THE APPROPRIATE PERMITS.
- (2) DUE TO THE TYPE OF WORK IT IS OUR UNDERSTANDING THAT THE PROJECT WILL NOT DISTURB MORE THAN ONE ACRE. IF THE DISTURBED AREA IS MORE THAN ONE ACRE, PLEASE CONTACT THE TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION BECAUSE A NPDES PERMIT WILL BE REQUIRED.

WORK RESTRICTIONS

NIGHT WORK ONLY.

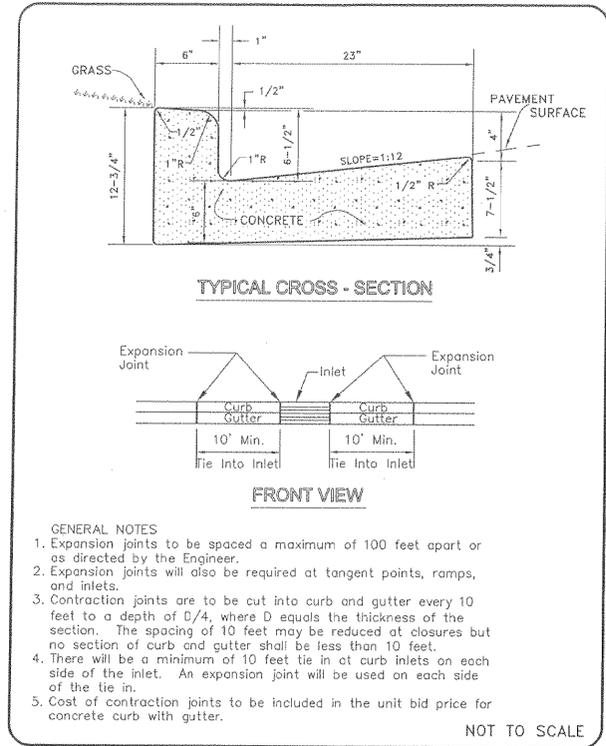
29-APR-2014 14:25
 \\J03WF01\dot.state.tn.us\035Shared\SURVEY\DESIGN\Resurfacing Plans\2014\07-July-2014 Letting\Davidson SR 6\003A SpecialNotes.dgn



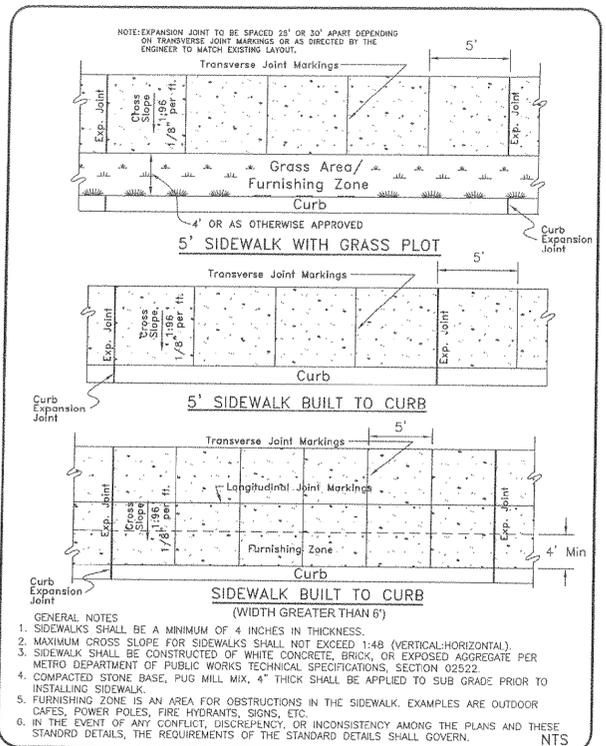
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**SPECIAL
NOTES**

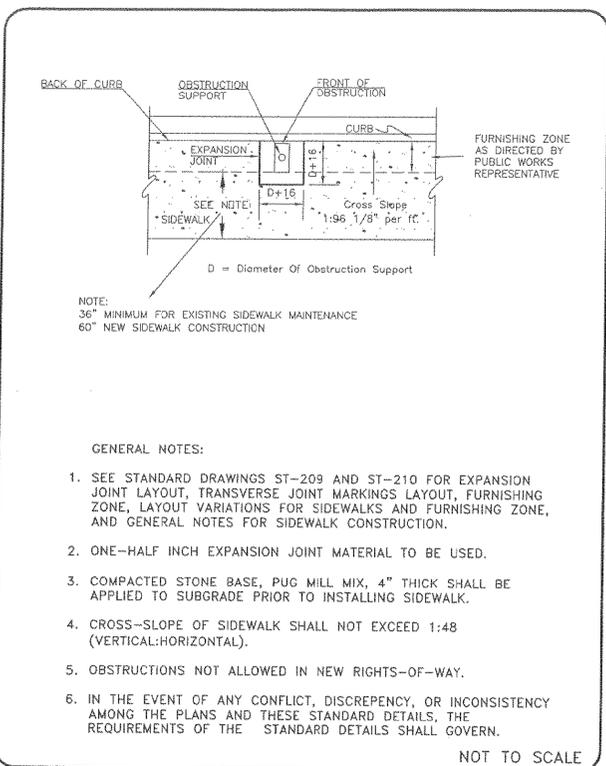
TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	NH/HSIP-6(104)	4



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	STANDARD CURB WITH GUTTER	DWG. NO. ST-200
DIR. OF ENG.: <i>Mark May</i>	DATE: 5/12/03	REVISED: 07/21/00 REVISED: 05/02/03

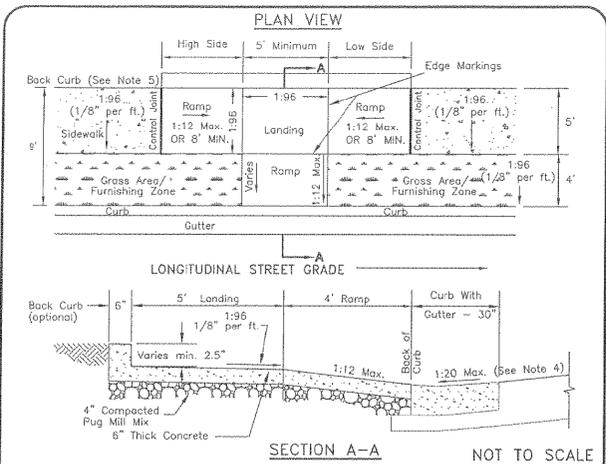


METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	SIDEWALK CONSTRUCTION	DWG. NO. ST-210
DIR. OF ENG.: <i>Mark May</i>	DATE: 7/15/04	REVISED: 05/02/03 REVISED: 11/24/03 REVISED: 06/23/04

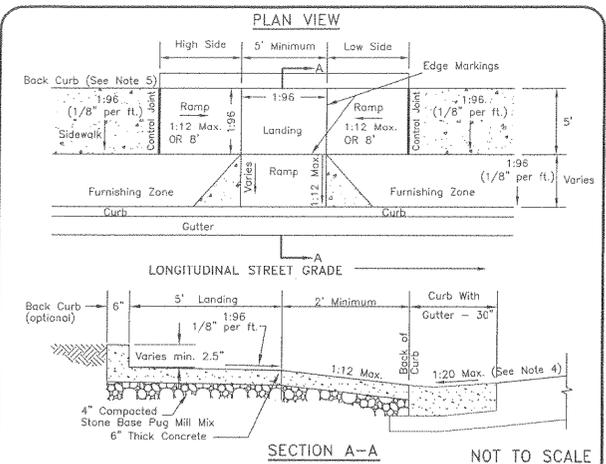


METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	OBSTRUCTION IN SIDEWALK	DWG. NO. ST-211
DIR. OF ENG.: <i>Mark May</i>	DATE: 7/15/04	REVISED: 11/24/03 REVISED: 02/17/04 REVISED: 06/23/04

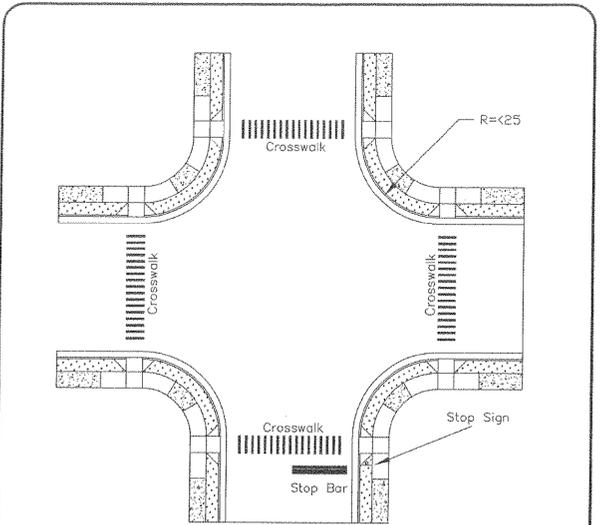
NOTE
DAVIDSON COUNTY IS UNDER COURT ORDER TO REPORT ANY WORK INVOLVING ADA HANDICAP RAMPS IN METRO NASHVILLE. THIS WORK MUST BE REPORTED TO THE DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION. CONTACT MR. RICK KIRCKPATRICK AT (615) 862-8635 PRIOR TO CONSTRUCTION.



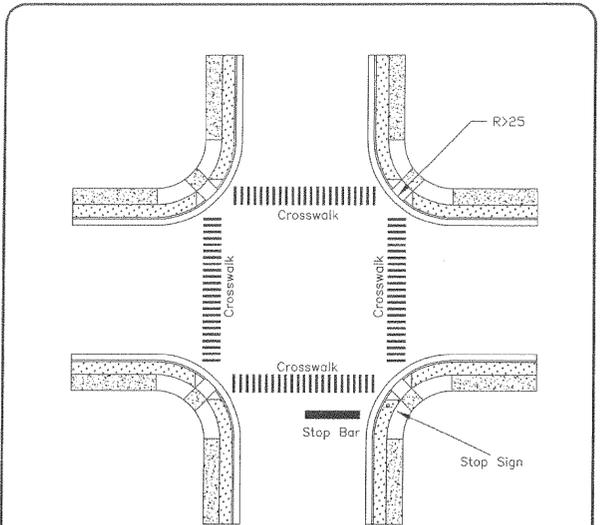
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	NEW CONSTRUCTION CURB RAMP	DWG. NO. ST-320
DIR. OF ENG.: <i>Mark May</i>	DATE: 5/12/03	REVISED: 07/18/02 REVISED: 05/08/03



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	ALTERATION CONSTRUCTION CURB RAMP WITH SIDEWALK LESS THAN 9 FEET	DWG. NO. ST-321
DIR. OF ENG.: <i>Mark May</i>	DATE: 7/15/04	REVISED: 06/30/03 REVISED: 07/31/02 REVISED: 05/08/03



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	GEOMETRIC LAYOUT AT CURB RETURNS WITH RADIUS 25' OR LESS	DWG. NO. ST-326
DIR. OF ENG.: <i>Mark May</i>	DATE: 7/15/04	REVISED: 11/24/03 REVISED: 02/17/04 REVISED: 06/23/04



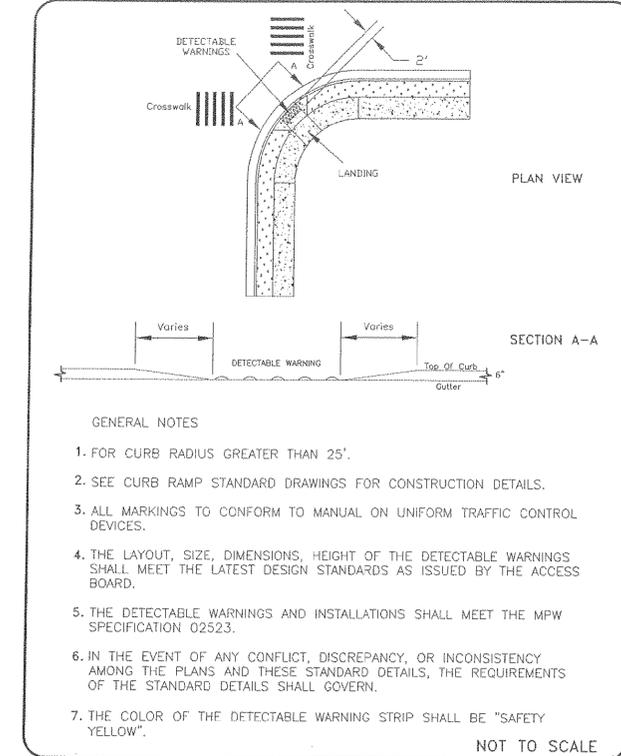
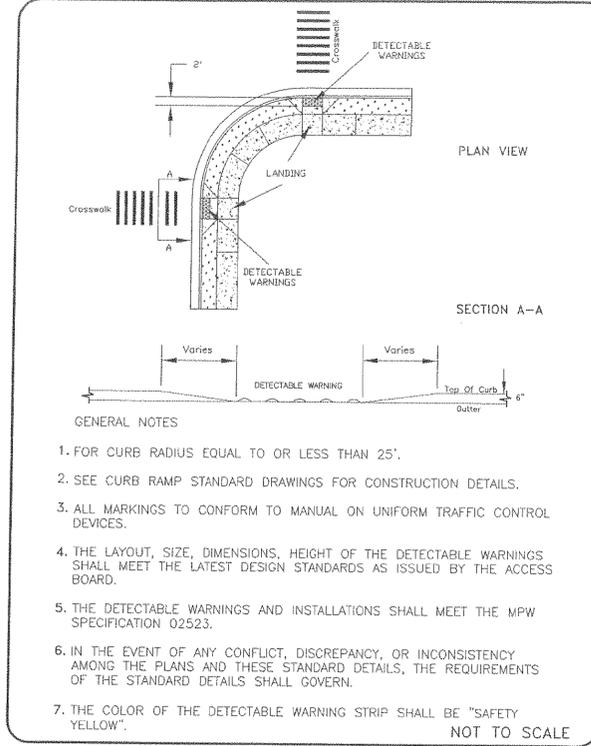
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	GEOMETRIC LAYOUT AT CURB RETURNS WITH RADIUS GREATER THAN 25'	DWG. NO. ST-327
DIR. OF ENG.: <i>Mark May</i>	DATE: 7/15/04	REVISED: 11/24/03 REVISED: 02/17/04 REVISED: 06/23/04

DETAILS FOR HANDICAP RAMPS
DAVIDSON COUNTY STANDARD DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	NH/HSIP-6(104)	4A

- NOTES:
- SEE CURB RAMP STANDARD DRAWINGS FOR CONSTRUCTION DETAILS.
 - CURB RAMP AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS.
 - ALL MARKINGS TO CONFORM TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 - ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC.
 - ALL SIGNS SHALL BE 3M HIGH INTENSITY REFLECTIVE MATERIAL.
 - STOP LINE TO BE MARKED WHEN REQUIRED BY METRO ENGINEER.
 - CROSSWALKS TO BE MARKED WHEN REQUIRED BY THE METRO ENGINEER.
 - IN THE EVENT OF ANY CONFLICT, DISCREPANCY, OR INCONSISTENCY AMONG THE PLANS AND THESE STANDARD DETAILS, THE REQUIREMENTS OF THE STANDARD DETAILS SHALL GOVERN.



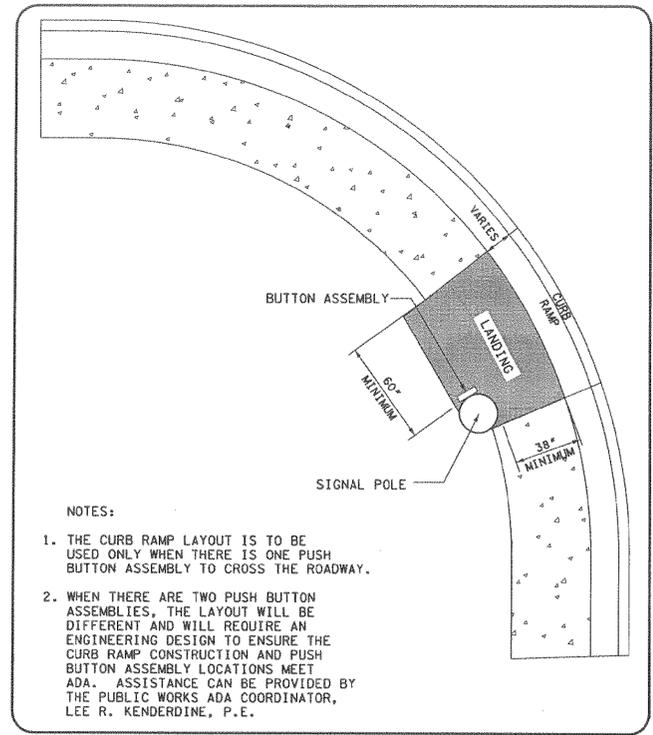
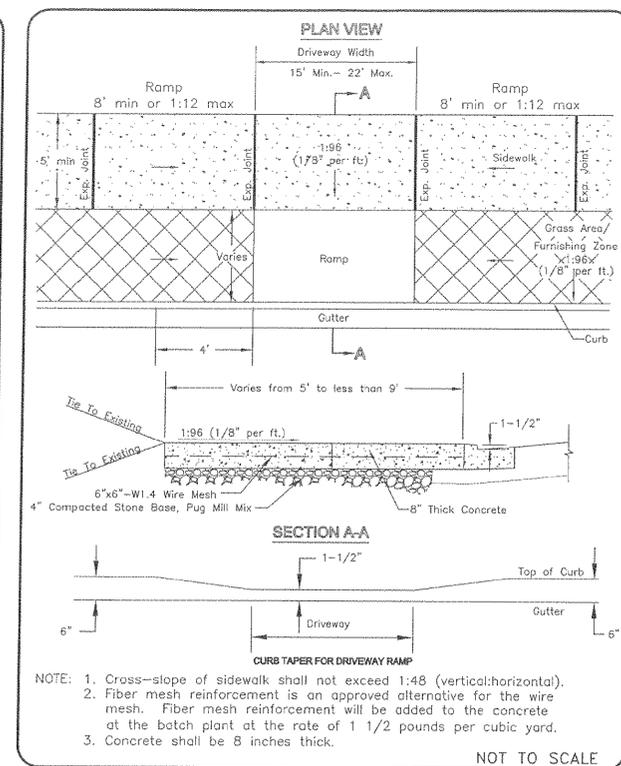
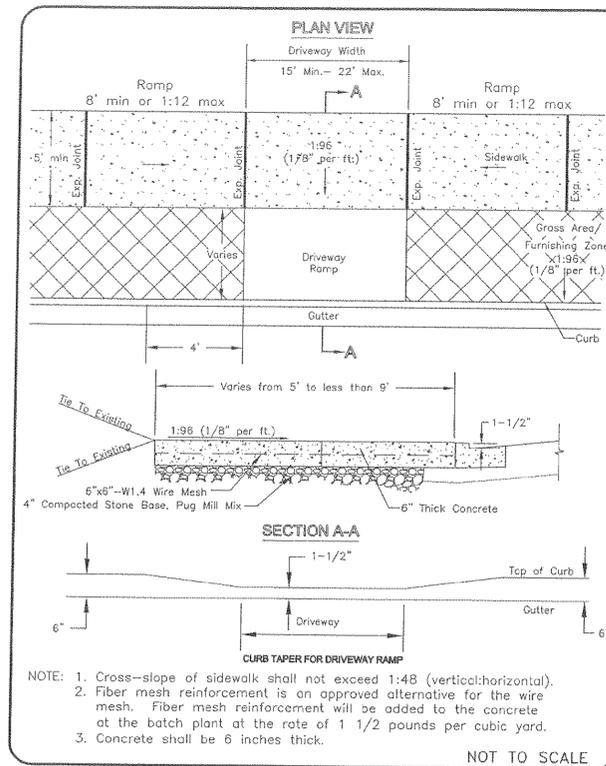
NOTE
DAVIDSON COUNTY IS UNDER COURT ORDER TO REPORT ANY WORK INVOLVING ADA HANDICAP RAMPS IN METRO NASHVILLE. THIS WORK MUST BE REPORTED TO THE DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION. CONTACT MR. RICK KIRCKPATRICK AT (615) 862-8635 PRIOR TO CONSTRUCTION.

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	GEOMETRIC LAYOUT AT CURB NOTES	DWG. NO. ST-328
DIR. OF ENG.: <i>Mark May</i>	DATE: 5/2/07	REVISED: 11/10/00 REVISED: 06/23/04 REVISED: 05/02/07

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	DETECTABLE WARNINGS AT CURB RETURNS WITH RADIUS 25' OR LESS	DWG. NO. ST-329
DIR. OF ENG.: <i>Mark May</i>	DATE: 6/17/05	REVISED: 06/17/05 REVISED: 08/13/04 REVISED:

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	DETECTABLE WARNINGS AT CURB RETURNS WITH RADIUS GREATER THAN 25'	DWG. NO. ST-330
DIR. OF ENG.: <i>Mark May</i>	DATE: 6/17/05	REVISED: 06/17/05 REVISED: 08/13/04 REVISED:

- NOTES:
- CURB RAMP SHALL BE PROVIDED TO ALLOW ALL USERS TO MAKE THE TRANSITION IN GRADE FROM THE STREET TO THE SIDEWALK.
 - CURB RAMP SHALL BE CONSTRUCTED TO THE DIMENSIONS AND FINISHED ELEVATIONS AS SPECIFIED IN THE PLANS AND/OR CONTRACT DOCUMENTS AND SHALL ALSO CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. SURFACE TEXTURE OF THE CURB RAMP SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. THE SURFACE SHALL BE COARSE BROOMED FINISH TRANSVERSE TO THE SLOPE OF THE RAMP. CARE SHALL BE TAKEN TO ASSURE AN UNIFORM GRADE ON THE CURB RAMP. LONGITUDINAL AND TRANSVERSE JOINT MARKINGS SHALL NOT BE ALLOWED ON THE LANDINGS OR RAMPS.
 - DRAINAGE AND UTILITY STRUCTURES SHALL NOT BE PLACED IN CURB RAMP OR LANDING.
 - THE GUTTER LINE PROFILE OF THE STREET SHALL BE MAINTAINED THROUGH THE AREA OF THE CURB RAMP.
 - THE FURNISHING ZONE BUFFERS PEDESTRIANS FROM THE ADJACENT ROADWAY, AND IS ALSO THE AREA WHERE ELEMENTS SUCH AS STREET TREES, SIGNAL POLES, UTILITY POLES, STREET LIGHTS, CONTROLLER BOXES, HYDRANTS, SIGNS, PARKING METERS, DRIVEWAY APRONS, GRATES, HATCH COVERS, AND STREET FURNITURE ARE PROPERLY LOCATED.



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	STANDARD CURB RAMP NOTES	DWG. NO. ST-215
DIR. OF ENG.: <i>Mark May</i>	DATE: 5/12/03	REVISED: 01/27/03 REVISED: 05/08/03 REVISED:

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	ALTERATION CONSTRUCTION RESIDENTIAL DRIVEWAY RAMP WITH SIDEWALK LESS THAN 9 FEET	DWG. NO. ST-323
DIR. OF ENG.: <i>Mark May</i>	DATE: 5/12/03	REVISED: 01/27/03 REVISED: 05/08/03 REVISED:

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	ALTERATION CONSTRUCTION COMMERCIAL DRIVEWAY RAMP WITH SIDEWALK LESS THAN 9 FEET	DWG. NO. ST-325
DIR. OF ENG.: <i>Mark May</i>	DATE: 5/12/03	REVISED: 01/27/03 REVISED: 05/08/03 REVISED:

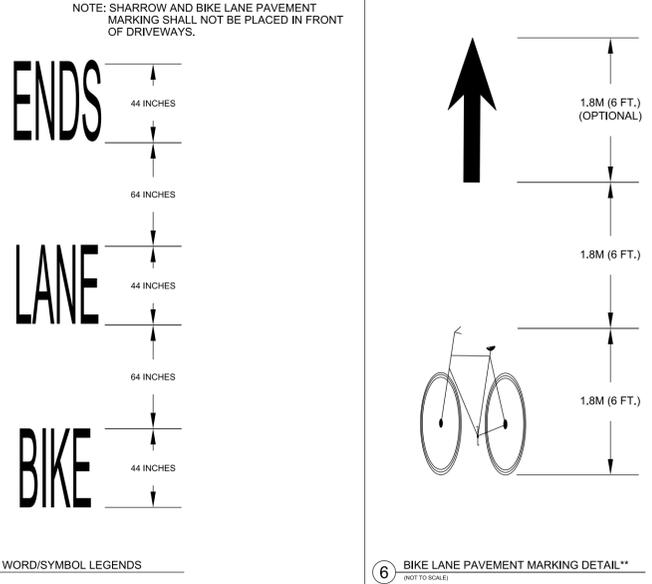
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	CURB RAMP AT A SIGNAL POLE	DWG. NO. ST-___
DIR. OF ENG.:	DATE:	REVISED: REVISED: REVISED:

DETAILS FOR HANDICAP RAMPS
DAVIDSON COUNTY STANDARD DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	NH/HSP-6(104)	5

SIGN SCHEDULE					
SIGN #	SIGN	DESCRIPTION	MUTCD	SIZE	QTY.
1		BICYCLE WARNING "FYG"	W11-1	24"x24"	2
2		"SHARE THE ROAD" PLAQUE "FYG"	W16-1P	18"x24"	2
3		BIKE ROUTE	D11-1	24"x18"	1
4		BICYCLE ROUTE ARROW SIGNS	M6-6L	12"x9"	1
5		BICYCLE ROUTE ARROW SIGNS	M6-1L	12"x9"	1
6		BICYCLE ROUTE ARROW SIGNS	M6-1R	12"x9"	1
7		BIKE LANE	R3-17	24"x18"	19
8		BEGIN RIGHT TURN LANE YIELD TO BIKES	R4-4	36"x30"	7

PAVING PROJECT SHALL COORDINATE WITH TDOT



2 SIGN SCHEDULE (NOT TO SCALE)

5 BIKE LANE WORD/SYMBOL LEGENDS (NOT TO SCALE)

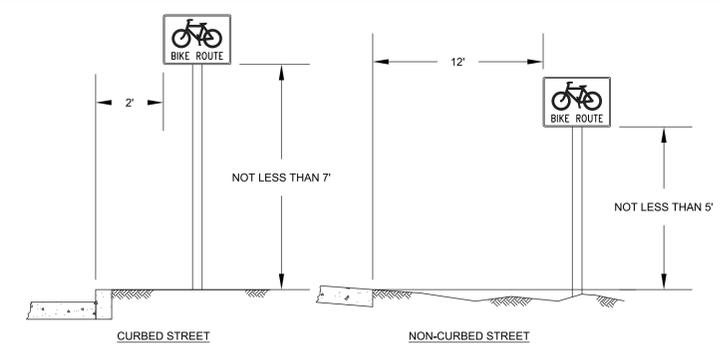
6 BIKE LANE PAVEMENT MARKING DETAIL** (NOT TO SCALE)

NO.	DATE	BY	DESCRIPTION
1			
2			
3			
4			

QUANTITIES AND DETAIL SHEET
 GALLATIN PK
 OLD HICKORY BLVD TO MYATT DR
 PROPOSED ROADWAY/BIKEWAY IMPROVEMENTS
 DAVIDSON COUNTY, TENNESSEE

TRAFFIC DATA		
ROADWAY	LIMITS	MPH
GALLATIN PK/AVE	OHB TO ANDERSON LN	40
GALLATIN PK/AVE	ANDERSON LN TO MYATT DR	45

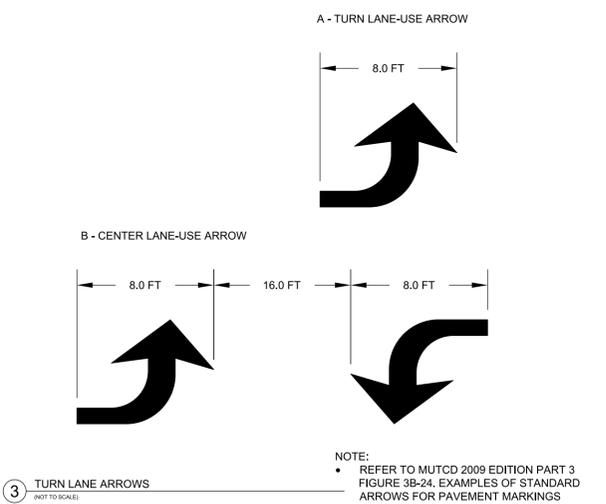
- **SPECIAL NOTE(S):**
- ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (M.U.T.C.D.)
 - THE BASE SURVEY AND DESIGN INFORMATION FOR ROADWAY PRESENTED ON THIS PLAN WERE PROVIDED BY METRO NASHVILLE PUBLIC WORKS AND IS BASED ON GIS INFORMATION. WHERE AVAILABLE, BASE INFORMATION HAS BEEN SUPPLEMENTED BY FIELD OBSERVATIONS BY THE DESIGNER. MNPW MAKES NO CLAIMS AS TO THE COMPLETENESS OR ACCURACY OF THE PROVIDED BASE INFORMATION.
 - PLAN DESIGN IS BASED ON EXISTING CONDITIONS AS OF 12/18/13.
 - PROPOSED ITEMS SHOWN SHALL BE COORDINATED WITH TDOT PAVING OFFICE.
 - TDOT OR CONTRACTORS ARE RESPONSIBLE FOR INSTALLATION OF SIGN ITEMS.
 - CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ROADWAY MARKINGS.
 - SHARROW AND BIKE LANE PAVEMENT MARKING SHALL BE PLACED PER DIRECTION OF TDOT REPRESENTATIVE.
 - SHARROW AND BIKE LANE PAVEMENT MARKING SHALL NOT BE PLACED IN FRONT OF DRIVEWAYS.



HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATIONS

- SIGN INSTALLATION NOTES:**
- ALL SIGNS SHALL BE INSTALLED IN THE APPROXIMATE LOCATIONS SHOWN ON PLAN SHEETS. ANY DEVIATION MUST BE APPROVED BY THE METROPOLITAN DEPARTMENT OF PUBLIC WORKS.
 - SIGNS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM CONTROL DEVICES, AND SHALL HAVE THE HEIGHT AND CLEARANCE SPECIFICATIONS SHOWN ON THIS SHEET.
 - ALL SIGNING EQUIPMENT AND INSTALLATION PROCEDURES SHALL COMPLY WITH THE T.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 713 - HIGHWAY SIGNING, AND WITH THE SPECIFICATIONS OF METROPOLITAN NASHVILLE AND DAVIDSON COUNTY.

1 HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATIONS (NOT TO SCALE)



3 TURN LANE ARROWS (NOT TO SCALE)

MPW/TDOT STANDARD DRAWINGS		
DRAWING NO.	DESCRIPTION	DIVISION
T-M-1	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS	ROADWAY
T-M-2	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS	ROADWAY
T-M-3	MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS & PAVED SHOULDERS ON CONVENTIONAL ROADS	ROADWAY
T-M-4	STANDARD INTERSECTION PAVEMENT MARKINGS	ROADWAY

BIKEWAY STRIPING QUANTITIES			
ITEM	DESCRIPTION	QTY.	UNIT
716-02.01	PLASTIC PAVEMENT MARKING (4" LINE)	4.0	LM.
716-02.04	PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	4200	S.Y.
716-02.10	PLASTIC PAVEMENT MARKING (6" LINE)	5.0	LM.
716-02.11	PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	2725	L.F.
716-03.05	PLASTIC WORD PAVEMENT MARKING (BIKE LANE)	3	EACH
716-03.09	PLASTIC WORD PAVEMENT MARKING (ENDS)	2	EACH
716-04.03	PLASTIC PAVEMENT MARKING (4" DOTTED LINE)	4300	L.F.
716-04.15	PLASTIC PAVEMENT MARKING (BIKE SYMBOL/ARROW)	65	EACH

QUANTITIES			
ITEM	DESCRIPTION	QTY.	UNIT
713-11.01	"U" SECTION STEEL POST	1365	LBS.
713-16.20	SIGNS (R3-17) BIKE LANE	19	EACH
713-16.21	SIGNS (R4-4) BEGIN RIGHT TURN LANE YIELD TO BIKES	7	EACH
713-16.22	SIGNS (W11-1) "FYG"	2	EACH
713-16.23	SIGNS (W16-1P) "FYG"	2	EACH
713-16.24	SIGNS (D11-1) BIKE ROUTE	1	EACH
713-16.25	SIGNS (M6-6 L)	1	EACH
713-16.26	SIGNS (M6-1 L/R)	2	EACH
713-16.50	REMOVE AND REPLACE SIGN (BIKE SIGNS) SHEET 3, 3D	3	EACH
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	675	L.F.
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	560	L.F.
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	40	EACH
716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	4	EACH
716-04.02	PLASTIC PAVEMENT MARKING (DOUBLE TURNING ARROW)	14	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE TEMPORARY)	29.5	LM.

4 QUANTITIES (NOT TO SCALE)

DATE:	12/13
DESIGNED BY:	WJR
DRAWN BY:	WJR
SUPERVISED BY:	DLR
CHECKED BY:	CK
PROJ. NO.	13-054
SCALE:	N.T.S.
SHEET NO.:	2

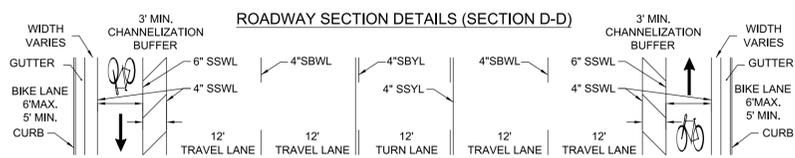
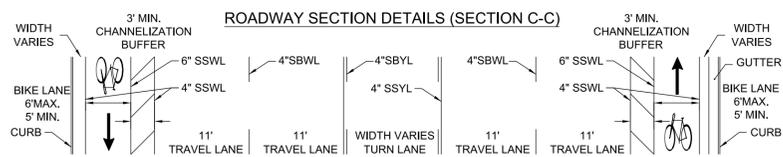
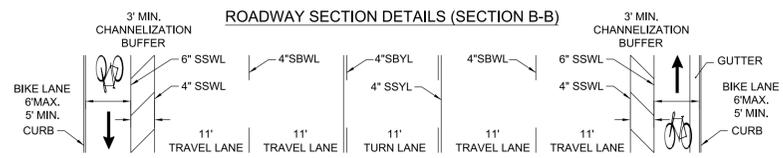
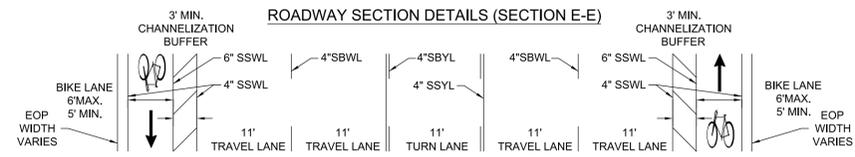
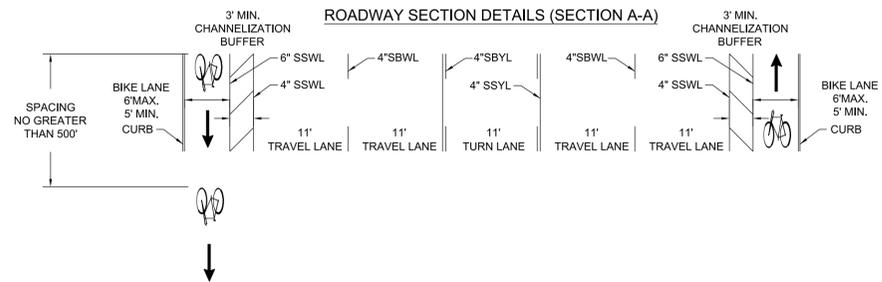
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STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

PROPOSED BIKEWAY IMPROVEMENTS

29-APR-2014 14:27 \\JJ03WF01\dot\state\tn.us\035Shared\SURVEY\DESIGN\Resurfacing Plans\2014\07-July-2014 Letting\Davidson SR 6\005_bike_lane.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	NH/HSTP-6(104)	5A



NOTE: CATCH BASIN LIDS SHALL HAVE GRATE OPENINGS PERPENDICULAR TO TRAFFIC.

7 ROADWAY TYPICAL SECTION DETAIL (NOT TO SCALE)

REVISIONS	
NO.	DESCRIPTION
1	
2	
3	
4	

GALLATIN PK
 OLD HICKORY BLVD TO MYATT DR
 PROPOSED ROADWAY/BIKEWAY IMPROVEMENTS
 DAVIDSON COUNTY, TENNESSEE

SEALED BY

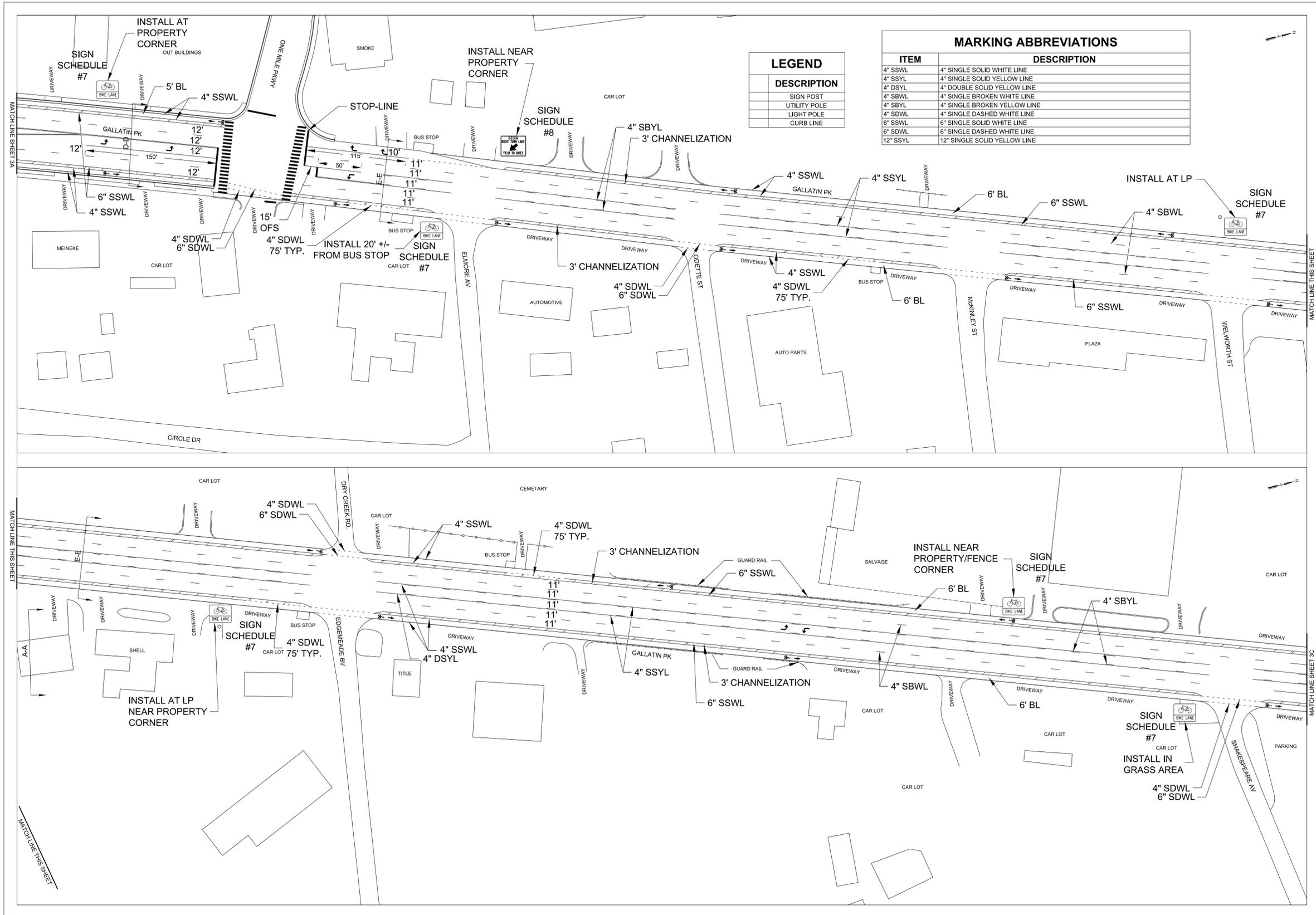
DATE:	12/13
DESIGNED BY:	WJR
DRAWN BY:	WJR
SUPERVISED BY:	DLR
CHECKED BY:	CK
PROJ. NO.	13-054
SCALE:	N.T.S.
SHEET NO:	2A

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**PROPOSED
 BIKEWAY
 IMPROVEMENTS**

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	NH/HSTP-6(104)	5B

rotate 0



LEGEND	
DESCRIPTION	
SIGN POST	
UTILITY POLE	
LIGHT POLE	
CURB LINE	

MARKING ABBREVIATIONS	
ITEM	DESCRIPTION
4" SSWL	4" SINGLE SOLID WHITE LINE
4" SSYL	4" SINGLE SOLID YELLOW LINE
4" DSWL	4" DOUBLE SOLID YELLOW LINE
4" SBWL	4" SINGLE BROKEN WHITE LINE
4" SBYL	4" SINGLE BROKEN YELLOW LINE
4" SDWL	4" SINGLE DASHED WHITE LINE
6" SSWL	6" SINGLE SOLID WHITE LINE
6" SDWL	6" SINGLE DASHED WHITE LINE
12" SSYL	12" SINGLE SOLID YELLOW LINE

REVISIONS	
NO.	DESCRIPTION

LAYOUT SHEET
 GALLATIN PK
 OLD HICKORY BLVD TO MYATT DR
 DAVIDSON COUNTY, TENNESSEE

SEALED BY

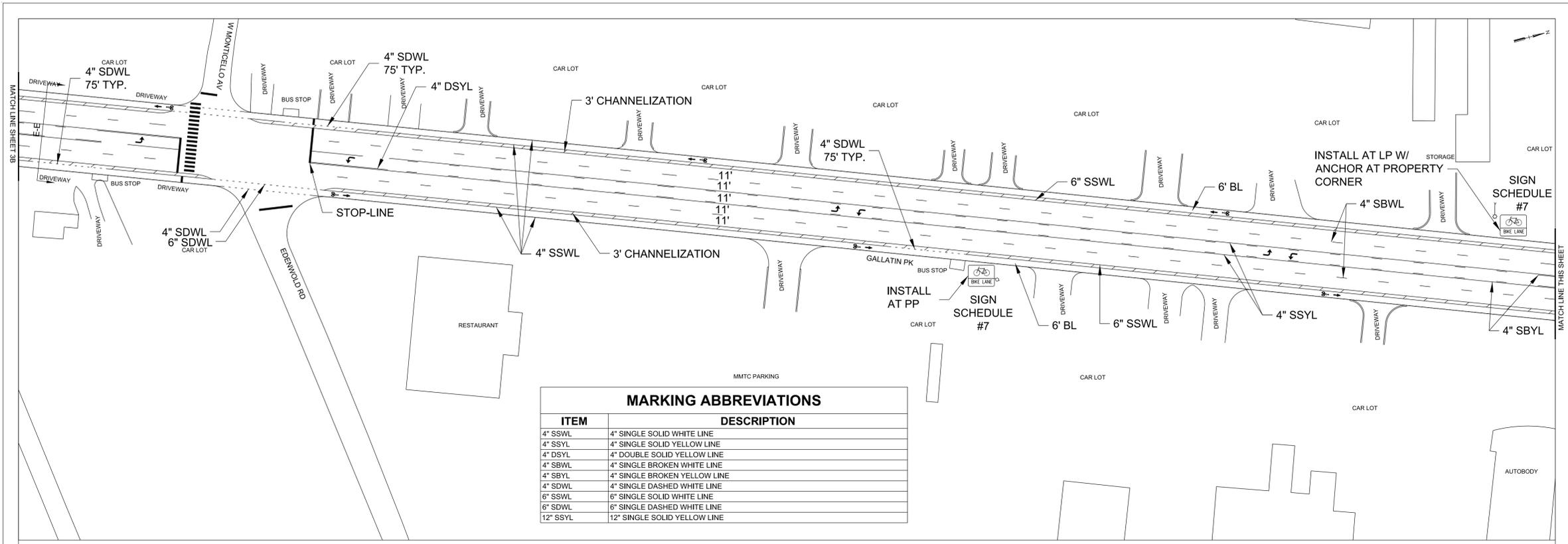
DATE:	12/13
DESIGNED BY:	WJR
DRAWN BY:	WJR
SUPERVISED BY:	DLR
CHECKED BY:	CK
PROJ. NO.:	13-054
SCALE:	1" = 100'
SHEET NO.:	3B

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION
**PROPOSED
 BIKWAY
 IMPROVEMENTS**

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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2013	NH/HSTP-6(104)	5C

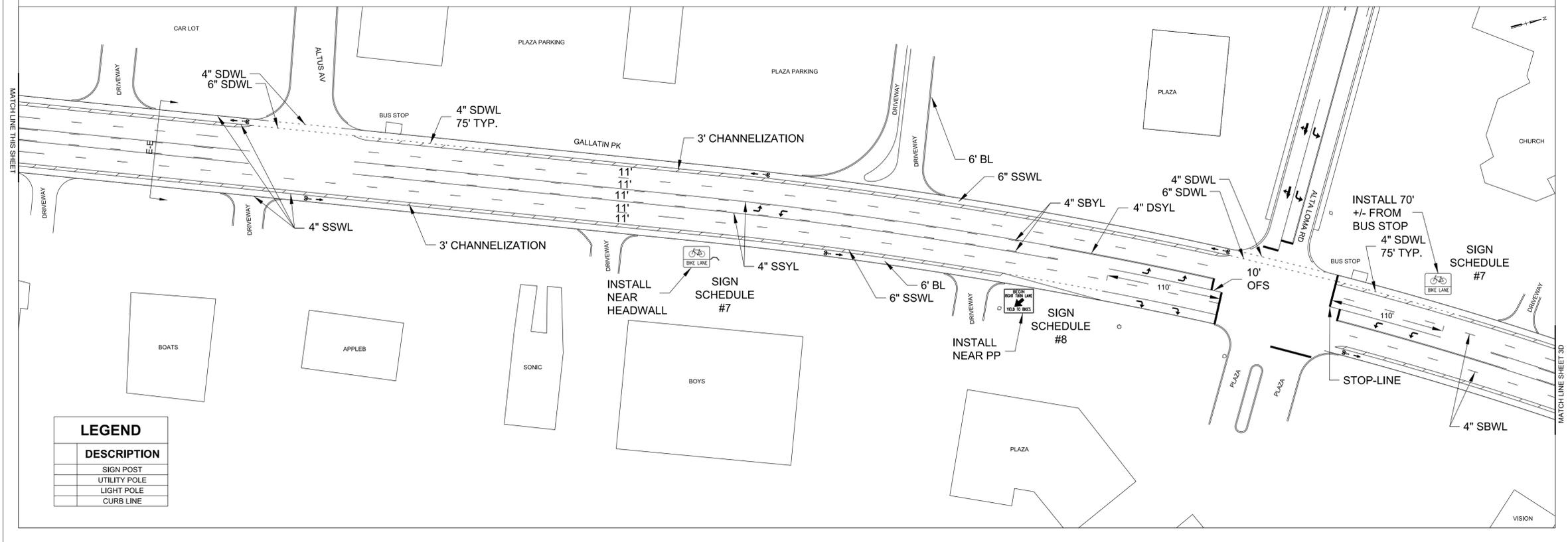
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ITEM	DESCRIPTION
4" SSWL	4" SINGLE SOLID WHITE LINE
4" SSYL	4" SINGLE SOLID YELLOW LINE
4" DSYL	4" DOUBLE SOLID YELLOW LINE
4" SBWL	4" SINGLE BROKEN WHITE LINE
4" SBYL	4" SINGLE BROKEN YELLOW LINE
4" SDWL	4" SINGLE DASHED WHITE LINE
6" SSWL	6" SINGLE SOLID WHITE LINE
6" SDWL	6" SINGLE DASHED WHITE LINE
12" SSYL	12" SINGLE SOLID YELLOW LINE

NO.	DATE	BY	DESCRIPTION
1			
2			
3			
4			

LAYOUT SHEET
 GALLATIN PK
 OLD HICKORY BLVD TO MYATT DR
 PROPOSED ROADWAY/BIKEWAY IMPROVEMENTS
 DAVIDSON COUNTY, TENNESSEE



LEGEND	
DESCRIPTION	
SIGN POST	
UTILITY POLE	
LIGHT POLE	
CURB LINE	

DATE:	12/13
DESIGNED BY:	WJR
DRAWN BY:	WJR
SUPERVISED BY:	DLR
CHECKED BY:	CK
PROJ. NO.	13-054
SCALE:	1" = 100'
SHEET NO.:	3C

SEALED BY

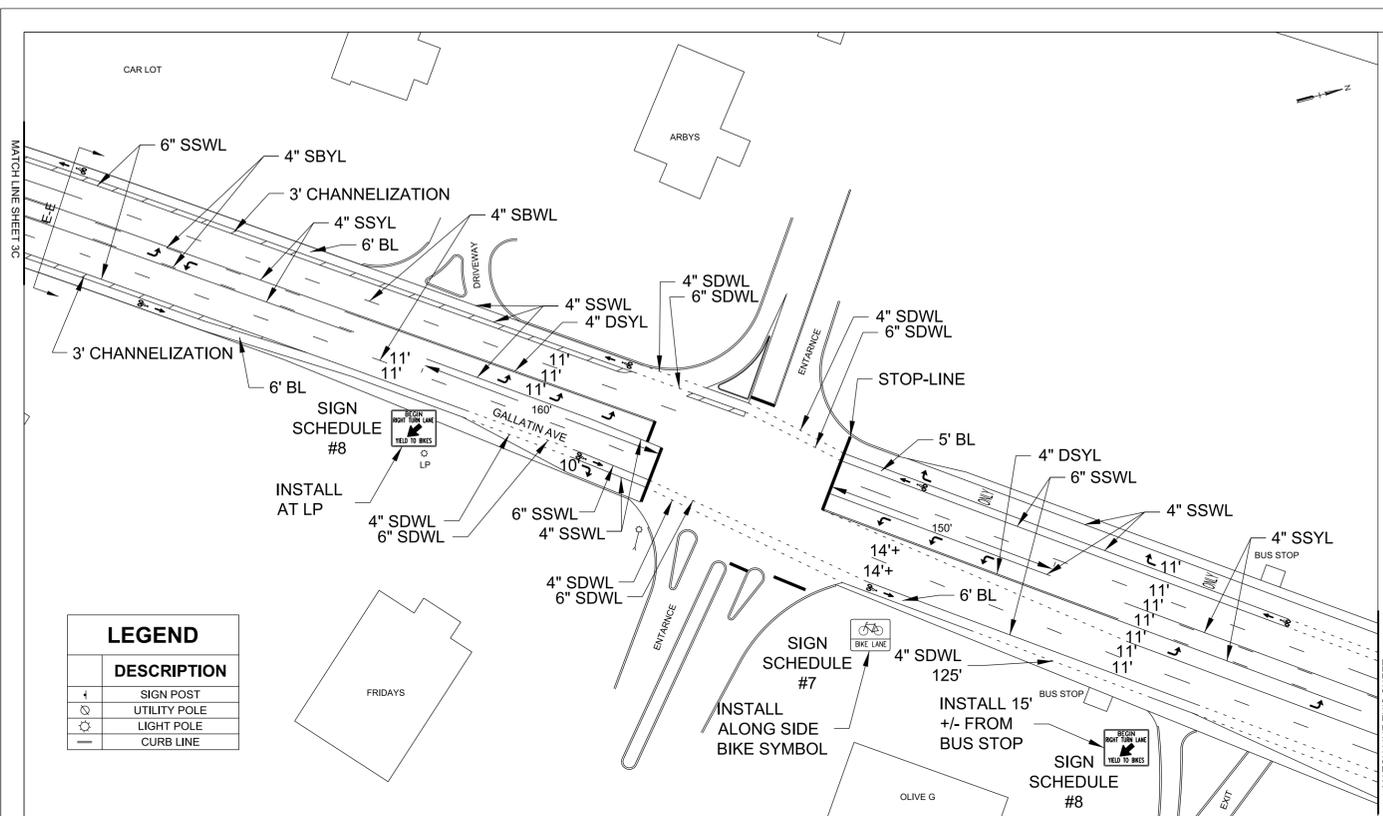
STATE OF TENNESSEE
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**PROPOSED
 BIKEWAY
 IMPROVEMENTS**

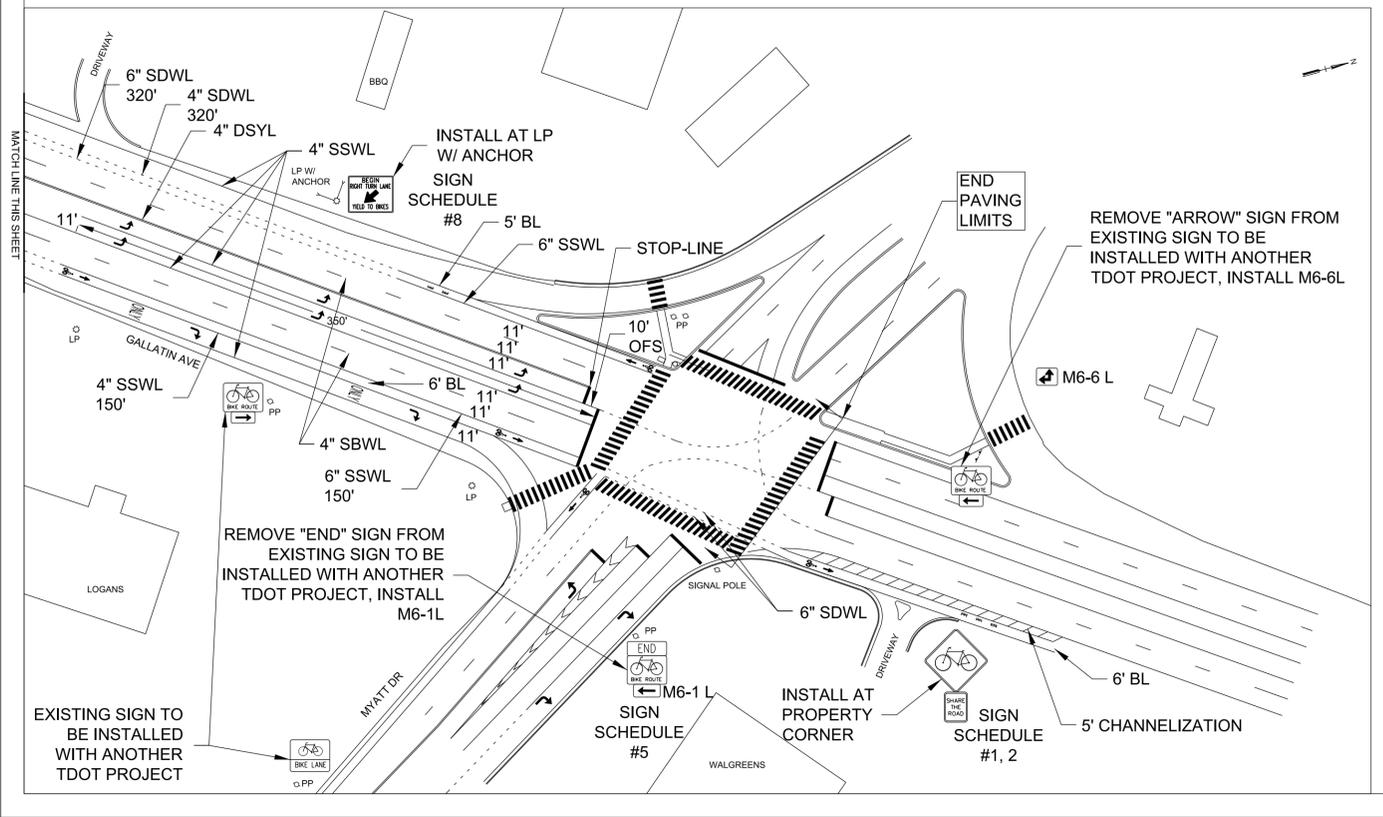
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TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	NH/HSTP-6(104)	50

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LEGEND	
DESCRIPTION	SYMBOL
SIGN POST	⊕
UTILITY POLE	⊙
LIGHT POLE	⊙
CURB LINE	—



MARKING ABBREVIATIONS	
ITEM	DESCRIPTION
4" SSWL	4" SINGLE SOLID WHITE LINE
4" SSYL	4" SINGLE SOLID YELLOW LINE
4" DSYL	4" DOUBLE SOLID YELLOW LINE
4" SBWL	4" SINGLE BROKEN WHITE LINE
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6" SSWL	6" SINGLE SOLID WHITE LINE
6" SDWL	6" SINGLE DASHED WHITE LINE
12" SSYL	12" SINGLE SOLID YELLOW LINE

REVISIONS	
NO.	DESCRIPTION
1	
2	
3	
4	

LAYOUT SHEET
 GALLATIN PK
 OLD HICKORY BLVD TO MYATT DR
 PROPOSED ROADWAY/BIKEWAY IMPROVEMENTS
 DAVIDSON COUNTY, TENNESSEE

SEALED BY

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**PROPOSED
 BIKEWAY
 IMPROVEMENTS**

DATE: 12/13
 DESIGNED BY: wJR
 DRAWN BY: wJR
 SUPERVISED BY: DLR
 CHECKED BY: CK
 PROJ. NO. 13-054
 SCALE: 1" = 100'
 SHEET NO: 3D