

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 55 / (I-55)
SECTION (57-3-1,57-3,57-3-2,57-2)RS-1
PROJECT IM-055-5(109)168
RESURFACING (INT-1ST) COLD MILLING
MCLEAN COUNTY

C-95-016-10

N. OF I-55 BUSN TO S. OF LEXINGTON

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		MCLEAN	22	1
		ILLINOIS	CONTRACT NO. 70847	

(57-3-1,57-3,57-3-2,57-2)RS-1

D-95-016-10



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

FOR DETAILED LOCATION MAP, SEE SHEET NO. 2
FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5-6

NOTE:
SEE GENERAL NOTES FOR STRUCTURE INFORMATION

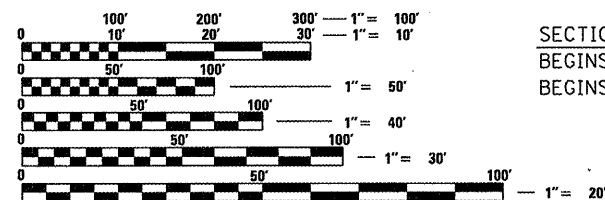
CURRENT TRAFFIC DATA

F.A.I. ROUTE 55

	LEG "A"	LEG "B"
2009 ADT =	25,800	23,500
PV % =	74.2	70.9
SU % =	3.1	4.1
MU% =	22.7	25.0

DESIGN DESIGNATION

INTERSTATE



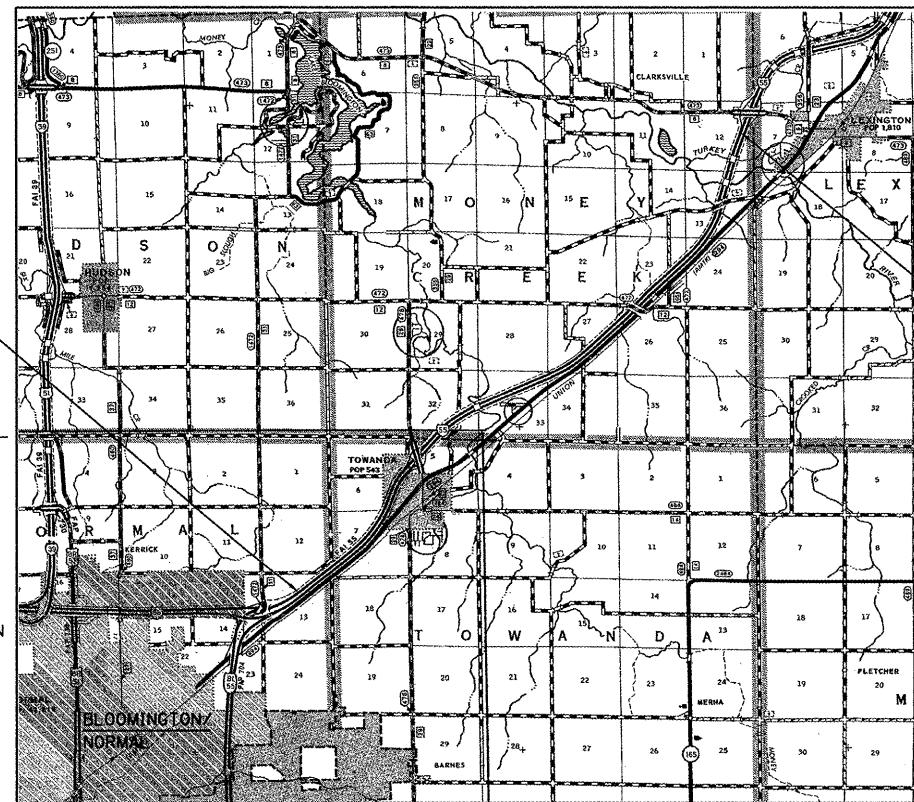
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

TOWNSHIPS: NORMAL, TOWANDA, MONEY CREEK

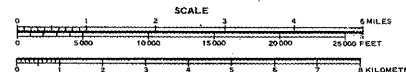
PROJECT ENGINEER: JASON STULTS
SQUAD LEADER: GREG EAGLIN
217-465-4181

CONTRACT NO. 70847



SECTION (57-3-1,57-3,57-3-2,57-2)RS-1
ENDS N.B. STA. 625+10.00
ENDS S.B. STA. 621+47.00

SEE SHEET 2
FOR OMISSIONS



TOTAL LENGTH OF SECTION & PROJECT = 51,046.00 FT. = 9.668 MILES
NET LENGTH OF SECTION & PROJECT = 50,212.66 FT. = 9.510 MILES
(NOTE: LENGTHS ARE CALCULATED ALONG NORTHBOUND LANE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 2/3 2010
Jason E. Stults
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19, 2010
Scott E. Stitt, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

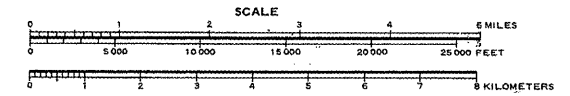
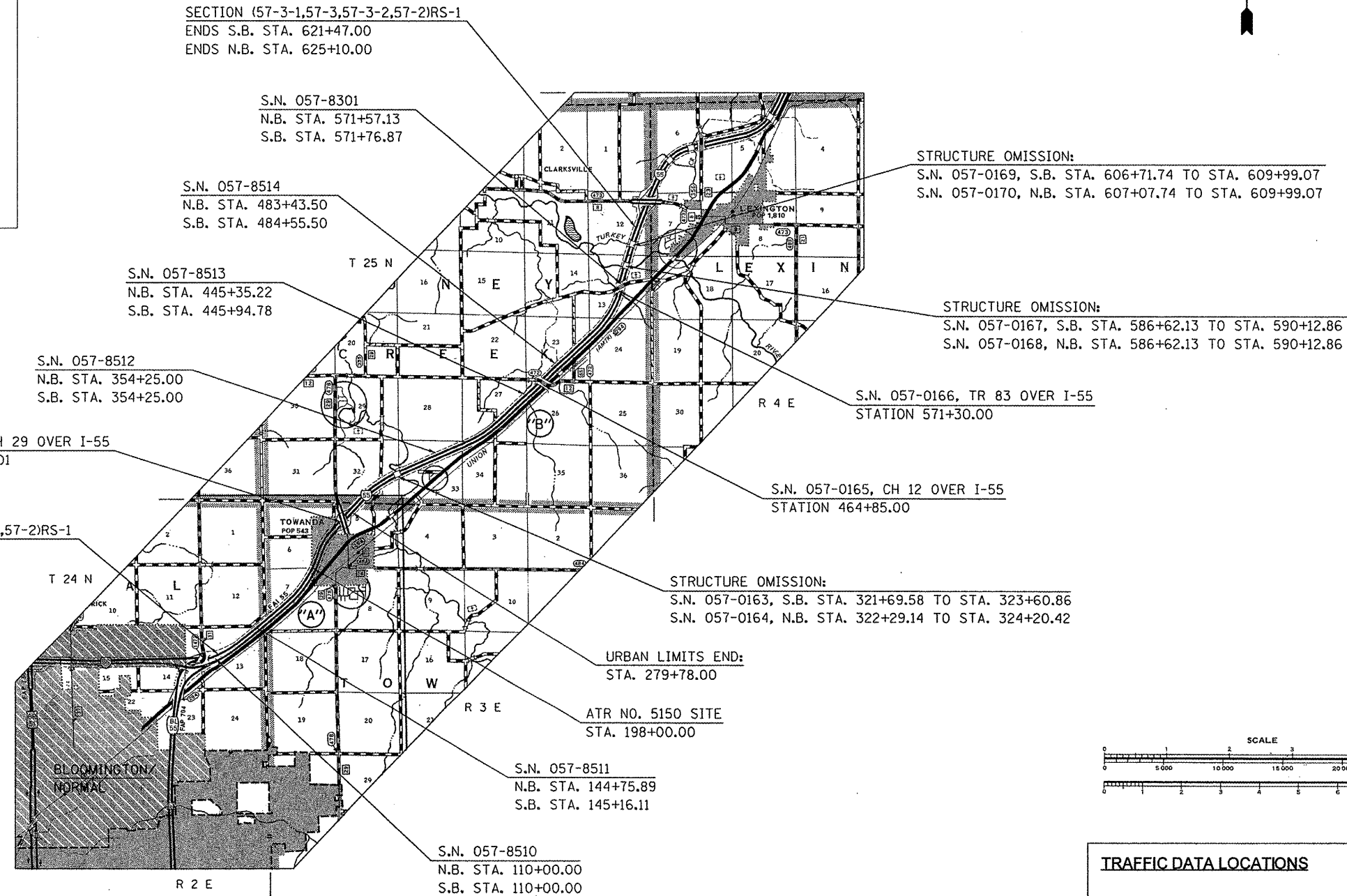
**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

DETAILED LOCATION MAP /F.A.I. ROUTE 55

STRUCTURE INFORMATION

STRUCTURE NO.	SCOPE OF WORK
057-8510	NO PROPOSED WORK
057-8511	MILL & HMA RESURF, 3 1/4"
057-0162	MILL & RESURF UNDER OVERHEAD
057-0163	STRUCTURE OMISSION
057-0164	STRUCTURE OMISSION
057-8512	MILL & HMA RESURF, 3 1/4"
057-8513	MILL & HMA RESURF, 3 1/4"
057-0165	MILL & RESURF UNDER OVERHEAD
057-8514	MILL & HMA RESURF, 3 1/4"
057-0166	MILL & RESURF UNDER OVERHEAD
057-8301	MILL & HMA RESURF, 3 1/4"
057-0167	STRUCTURE OMISSION
057-0168	STRUCTURE OMISSION
057-0169	STRUCTURE OMISSION
057-0170	STRUCTURE OMISSION



TOTAL LENGTH OF SECTION & PROJECT = 51,046.00 FEET = 9.668 MILES
NET LENGTH OF SECTION & PROJECT = 50,212.66 FEET = 9.510 MILES
(NOTE: LENGTHS ARE CALCULATED ALONG NORTHBOUND LANE)

TRAFFIC DATA LOCATIONS

F.A.I. ROUTE 55

- LEG "A" = I-55 BUSN AT NORMAL TO FAU 6431 INTERCHANGE AT TOWANDA
- LEG "B" = FAU 6431 INTERCHANGE AT TOWANDA TO FAS 473 INTERCHANGE AT LEXINGTON

FILE NAME = C:\pwork\PIWIDOT\PIERSONBR\0176145\0570847-sht-loc.mep.dgn	USER NAME = piersonbr	DESIGNED - GAE	REVISED -
		DRAWN - BBP	REVISED -
		CHECKED -	REVISED -
		DATE - 12/30/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILED LOCATION MAP - F.A.I. ROUTE 55

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MCLEAN	22	2
*157-3-1,57-3,57-3-2,57-2)RS-1			CONTRACT NO. 70847	
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	DETAILED LOCATION MAP
3	INDEX OF SHEETS
3	LIST OF STANDARDS
4	GENERAL NOTES
4	STRUCTURE INFORMATION
5-6	SUMMARY OF QUANTITIES
7-10	EXISTING & PROPOSED TYPICAL CROSS SECTIONS
11-15	SCHEDULE OF QUANTITIES
16-18	DETAILS FOR MILLING & PAVING TRANSITIONS
19-20	DETAIL FOR ATR SITE NO. 5150
21	DETAIL FOR WORK ZONE SWITCHBACK
22	DETAIL FOR PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

LIST OF STANDARDS

STANDARD NO.	NAME OF STANDARD
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-07	PAVEMENT JOINTS
442001-04	CLASS A PATCHES
701101-02	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-04	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-05	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-06	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS \geq 45 MPH
701426-03	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS \geq 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-02	HANDHOLES
878001-08	CONCRETE FOUNDATION DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

FILE NAME =	USER NAME = piersonbr	DESIGNED - GAE	REVISED -
C:\pwork\PMIDOT\PIERSONBR\0176145\05	0847-sht-gennote.dgn	DRAWN -	REVISED -
	PLOT SCALE = 48.0000 "/ IN.	CHECKED -	REVISED -
	PLOT DATE = 2/4/2010	DATE - 12/30/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS & LIST OF STANDARDS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MCLEAN	22	3
*(57-3-1,57-3,57-3-2,57-2)RS-1				CONTRACT NO. 70847
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406.05b
ALL LEVELING BINDER, BINDER OR FIRST LIFT OF SURFACE COURSE SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE FINAL SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-406H
MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USES	AC/PG	RAP% (MAX)	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX "C", N105 (BOTTOM SURFACE LIFT)	SBS PG 70-22	10%	4.0% @ Ndes=105	IL 9.5	MIX "C"
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N105 (TOP SURFACE LIFT)	SBS PG 70-22	10%	4.0% @ Ndes=105	IL 9.5	MIX "D"

G.N.-442B - PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781A
DOUBLE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ON ALL THE MULTI-LANE DIVIDED HIGHWAYS. THE LOCATION OF THE REFLECTIVE PAVEMENT MARKERS WILL BE IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9M) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

STRUCTURE INFORMATION

BASED ON STRUCTURAL ANALYSIS, THE FOLLOWING SHOULD BE NOTED WITH REGARDS TO MATERIAL TRANSFER DEVICES (MTD) TRAVELING OVER EXISTING STRUCTURES:

ONLY AN EMPTY MATERIAL TRANSFER DEVICE MAY PASS OVER THE FOLLOWING STRUCTURES:

057-0162	057-8301
057-0163	057-8510
057-0164	057-8511
057-0167	057-8512
057-0168	057-8513
057-0169	057-8514
057-0170	

FILE NAME :	USER NAME = piersebr	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\FWIDOT\PIERSONBR\0176145\0570847-sht-gennote.dgn	DRAWN -	REVISED -	55			*	MCCLEAN	22	4	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	*157-3-1,57-3,57-3-2,57-2\RS-1							
PLOT DATE = 2/4/2010	DATE - 12/30/09	REVISED -	CONTRACT NO. 70847							
SCALE: NONE						SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

LOCATION OF WORK:

FAI - 55

FAI - 55

FAI - 55

INTERSTATE

INTERSTATE

INTERSTATE

URBAN

RURAL

URBAN

COUNTY:

MCLEAN

MCLEAN

MCLEAN

STA. 114+64.00

STA. 279+78.00

STA. 198+00.00

TO

TO

ATR #5150 SITE

STA. 279+78.00

STA. 625+10.00

FUNDING BREAKOUT:

CONSTRUCTION TYPE CODE:

90/10 FED/ST

I000-2A

I000-2A

Y031-IF

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	40190.00	15091.00	25099.00	
40600300	AGGREGATE (PRIME COAT)	TON	536.00	179.00	357.00	
40600895	CONSTRUCTING TEST STRIP	EACH	1.00	0.30	0.70	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	4160.00		4160.00	
40600990	TEMPORARY RAMP	SQ YD	1050.00	317.00	733.00	
40603525	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N105	TON	26557.00	9972.00	16585.00	
40603550	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105	TON	22506.00	7499.00	15007.00	
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	263772.00	89270.00	174502.00	
44200574	CLASS A PATCHES, TYPE I, 13 INCH	SQ YD	52.00	24.00	28.00	
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	112.00	54.00	58.00	
44213000	PATCHING REINFORCEMENT	SQ YD	164.00	78.00	86.00	
44213200	SAW CUTS	FOOT	1212.00	584.00	628.00	
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6.00	2.00	4.00	
67100100	MOBILIZATION	L SUM	1.00	0.30	0.70	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	9.00	2.00	7.00	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.00	0.30	0.70	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.00	0.30	0.70	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30.00	9.00	21.00	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	28176.00	9248.00	18928.00	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	227268.00	72666.00	154602.00	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1800.00	1800.00		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	6043.00	1982.00	4061.00	

* SPECIALTY ITEMS

FILE NAME =	USER NAME = piersonbr	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\pwork\PIERSONBR\0176145\0570847-sht-500.dgn	0847-sht-500.dgn	DRAWN - BBP	REVISED -					55	*	MCLEAN	22	5
	PLOT SCALE = 40.0000 "/ IN.	CHECKED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	*157-3-1,57-3,57-3-2,57-2)RS-1		CONTRACT NO. 70847	
	PLOT DATE = 2/4/2010	DATE - 01/29/10	REVISED -		ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES

LOCATION OF WORK:

FAI - 55

FAI - 55

FAI - 55

INTERSTATE
URBAN

INTERSTATE
RURAL

INTERSTATE
URBAN

COUNTY:

MCLEAN

MCLEAN

MCLEAN

STA. 114+64.00
TO
STA. 279+78.00

STA. 279+78.00
TO
STA. 625+10.00

STA. 198+00.00
ATR #5150 SITE

FUNDING BREAKOUT:

CONSTRUCTION TYPE CODE:

90/10 FED/ST

1000-2A

1000-2A

Y03-j-1F

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	202098.00	64256.00	137842.00	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1800.00	1800.00		
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	25170.00	8410.00	16760.00	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2546.00	868.00	1678.00	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2546.00	868.00	1678.00	
* 81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	FOOT	120.00			120.00
* 81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	90.00			90.00
* 81021570	CONDUIT, AUGERED 3" DIA., PVC	FOOT	92.00			92.00
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4.00			4.00
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	210.00			210.00
* 86300300	CONTROLLER CABINET TYPE III	EACH	1.00			1.00
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.50			3.50
* 88600100	DETECTOR LOOP, TYPE I	FOOT	312.00			312.00
* X0300780	PIEZO ELECTRIC SENSOR CABLE IN CONDUIT	FOOT	580.00			580.00
* X0301741	AERIAL SPEED CHECK MARKING	FOOT	48.00	24.00	24.00	
X0322729	MATERIAL TRANSFER DEVICE	TON	49063.00	18204.00	30859.00	
* X0323014	ELECTRIC CABLE IN CONDUIT, CONOGA-30003	FOOT	920.00			920.00
* X0323015	PIEZO ELECTRIC AXLE SENSOR, CLASS II	FOOT	44.00			44.00
X0323583	SPEED INDICATOR SIGN	CAL DA	100.00	50.00	50.00	
* X0326860	SOLAR EQUIPMENT	EACH	1.00			1.00
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28.00	14.00	14.00	

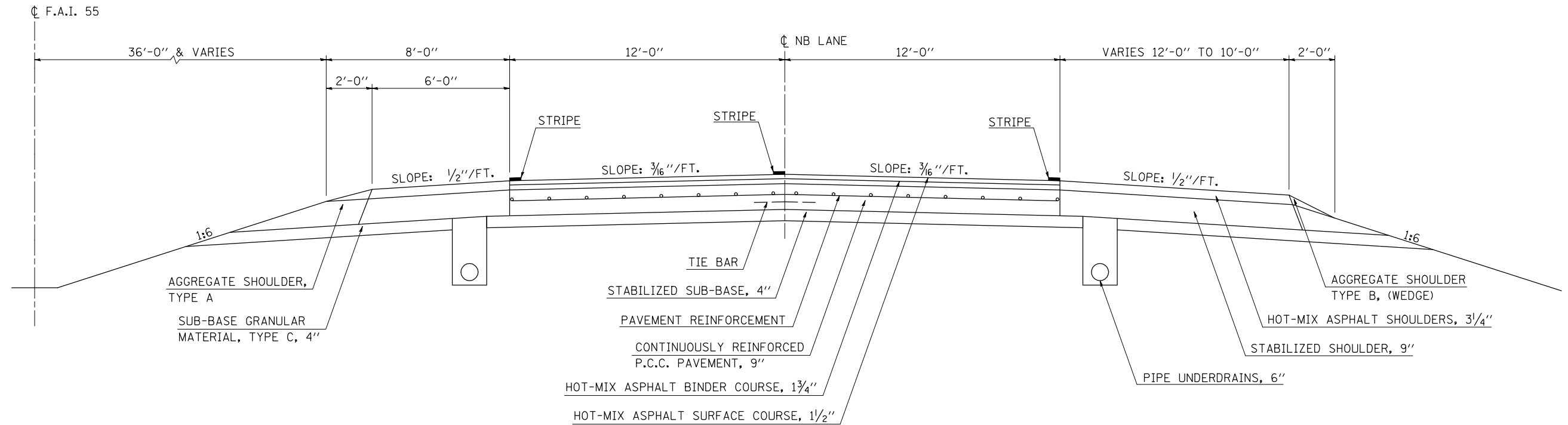
* SPECIALTY ITEMS

FILE NAME :	USER NAME = p1ersonbr	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\p\work\PIWIDOT\PIERSONBR\0176145\050847-sht-S00.dgn	DRAWN - BBP	REVISED -	55				*	MCLEAN	22	6	
PLOT SCALE = 40.0000 "/ IN.	CHECKED -	REVISED -	*157-3-1,57-3,57-3-2,57-2IRS-1								
PLOT DATE = 2/4/2010	DATE - 01/29/10	REVISED -	SCALE: NONE				SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
							CONTRACT NO. 70847				

(A) EXISTING TYPICAL CROSS SECTION

F.A.I. - 55 NORTHBOUND

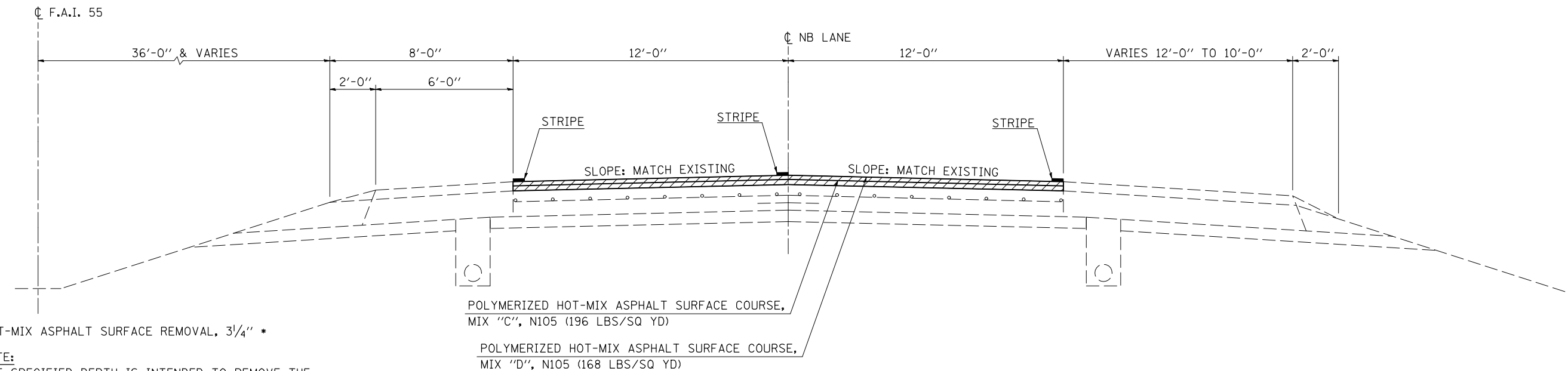
STATION TO STATION
114+64.00 TO 117+48.72 (B)



(1) PROPOSED TYPICAL CROSS SECTION

F.A.I. - 55 NORTHBOUND

STATION TO STATION
114+64.00 TO 117+48.72 (2)



HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" *

*** NOTE:**

THE SPECIFIED DEPTH IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HMA OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.

FILE NAME =	USER NAME = piersonbr	DESIGNED - GAE	REVISED -
C:\pwork\PIWIDOT\PIERSONBR\d0176145\0570847-shr-typical.dgn		DRAWN - BBP	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 2/4/2010		DATE - 12/10/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: NONE SHEET NO. 1 OF 4 SHEETS STA. TO STA.

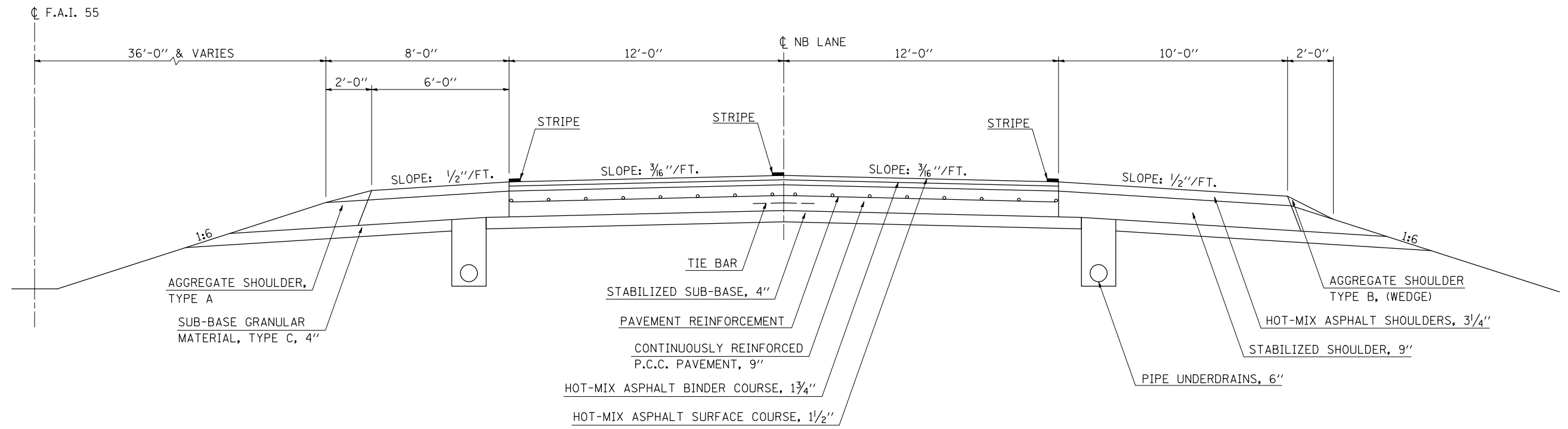
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MCLEAN	22	7
*57-3-1,57-3,57-3-2,57-2IRS-1			CONTRACT NO. 70847	
ILLINOIS FED. AID PROJECT				

(B) EXISTING TYPICAL CROSS SECTION

F.A.I. - 55 NORTHBOUND

STATION TO STATION
 (A) 117+48.72 625+10.00

STRUCTURE OMISSIONS	
STATION 322+29.14 TO STATION 324+20.42; S.N. 057-0164	
STATION 586+62.13 TO STATION 590+12.86; S.N. 057-0167	
STATION 607+07.74 TO STATION 609+99.07; S.N. 057-0170	

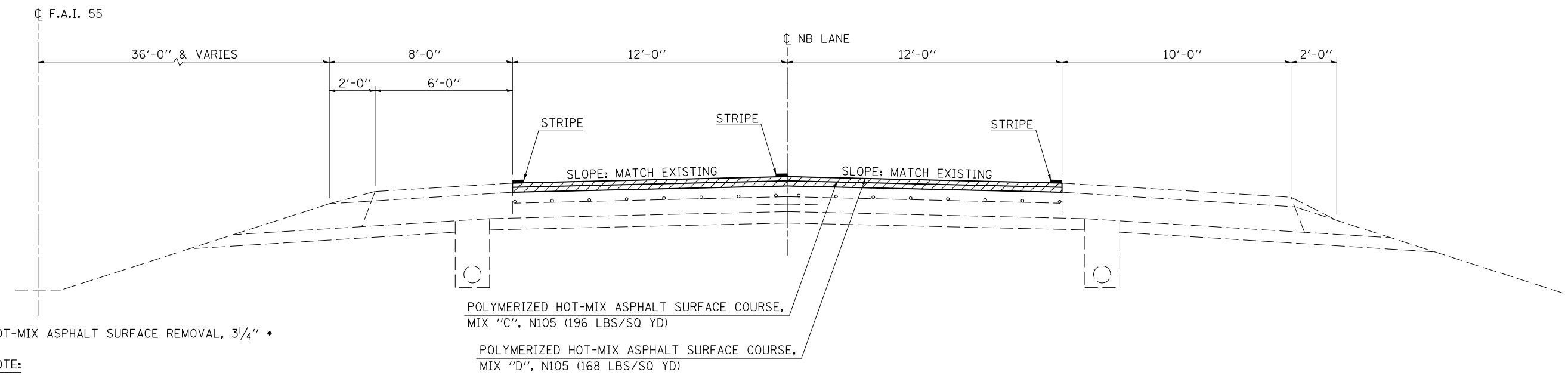


(2) PROPOSED TYPICAL CROSS SECTION

F.A.I. - 55 NORTHBOUND

STATION TO STATION
 (1) 117+48.72 625+10.00

STRUCTURE OMISSIONS	
STATION 322+29.14 TO STATION 324+20.42; S.N. 057-0164	
STATION 586+62.13 TO STATION 590+12.86; S.N. 057-0167	
STATION 607+07.74 TO STATION 609+99.07; S.N. 057-0170	



HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" *

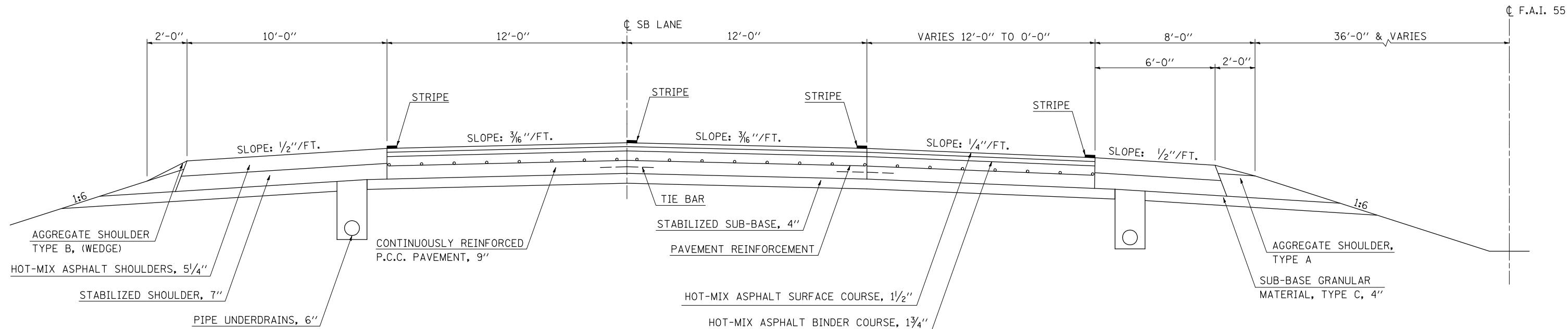
* NOTE:
 THE SPECIFIED DEPTH IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HMA OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.

FILE NAME = C:\pwwork\PIERSONBR\d0176145\0570847-shr-typical.dgn	USER NAME = piersonbr	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A.I. RTE. = 55	SECTION = *	COUNTY = MCLEAN	TOTAL SHEETS = 22	SHEET NO. = 8
PLOT SCALE = 40.0000' / IN.	CHECKED -	DATE = 12/10/09	REVISED -	SCALE: NONE	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 70847		
PLOT DATE = 2/4/2010	DATE = 12/10/09	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT						

(C) EXISTING TYPICAL CROSS SECTION

F.A.I. - 55 SOUTHBOUND

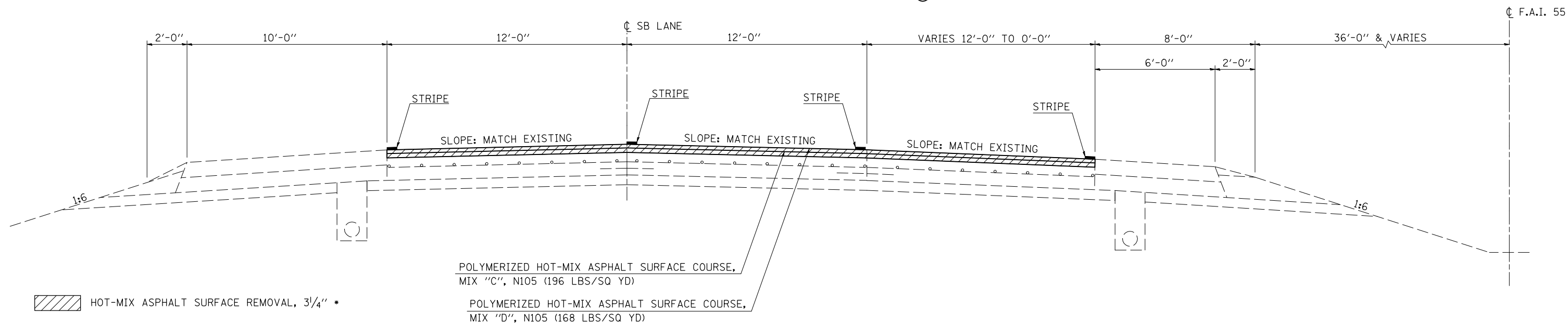
STATION TO STATION
114+64.00 TO 126+60.28 (D)



(3) PROPOSED TYPICAL CROSS SECTION

F.A.I. - 55 SOUTHBOUND

STATION TO STATION
114+64.00 TO 126+60.28 (4)



* NOTE:
THE SPECIFIED DEPTH IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HMA OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
C:\pwork\pwork\PIERSONBR\d0176145\0520847-sh-typical.dgn		DRAWN - BBP	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 2/4/2010		DATE - 12/29/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE: NONE	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MCLEAN	22	9
*57-3-1,57-3,57-3-2,57-2)RS-1		CONTRACT NO. 70847		
ILLINOIS FED. AID PROJECT				

STRUCTURE OMISSIONS
 STATION 321+69.58 TO STATION 323+60.86; S.N. 057-0163
 STATION 586+62.13 TO STATION 590+12.86; S.N. 057-0168
 STATION 606+71.74 TO STATION 609+99.07; S.N. 057-0169

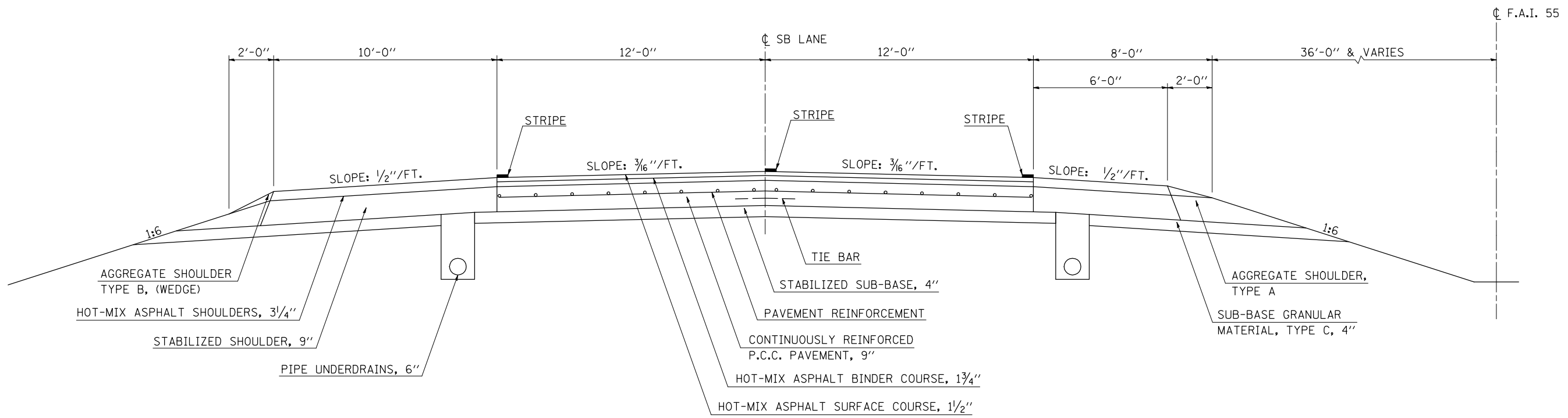
D EXISTING TYPICAL CROSS SECTION

F.A.I. - 55 SOUTHBOUND

STATION TO STATION
 ③ 126+60.28 621+47.00

 HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" *

* NOTE:
 THE SPECIFIED DEPTH IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HMA OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.



STRUCTURE OMISSIONS
 STATION 321+69.58 TO STATION 323+60.86; S.N. 057-0163
 STATION 586+62.13 TO STATION 590+12.86; S.N. 057-0168
 STATION 606+71.74 TO STATION 609+99.07; S.N. 057-0169

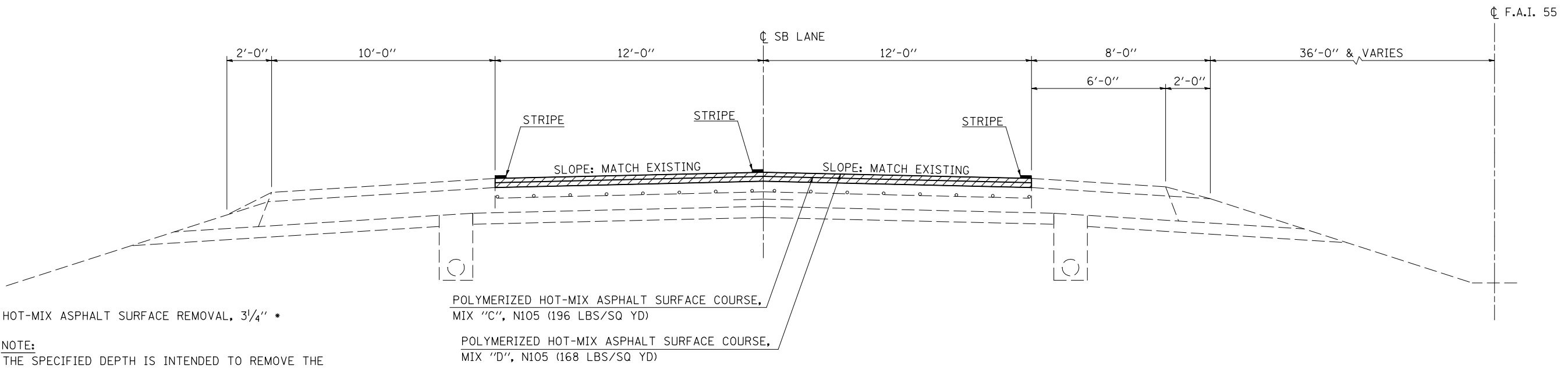
4 PROPOSED TYPICAL CROSS SECTION

F.A.I. - 55 SOUTHBOUND

STATION TO STATION
 ③ 126+60.28 621+47.00

 HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" *

* NOTE:
 THE SPECIFIED DEPTH IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HMA OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.



FILE NAME =	USER NAME = piersonbr	DESIGNED - GAE	REVISED -
C:\pwork\PIWIDOT\PIERSONBR\d0176145\0570847-shr-typical.dgn		DRAWN - BBP	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 2/4/2010		DATE - 12/01/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS
 SCALE: NONE SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MCLEAN	22	10
*(57-3-1,57-3,57-3-2,57-2)RS-1			CONTRACT NO. 70847	
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

CLASS A PATCHING SCHEDULE, 13"

LOCATION		STATION	LENGTH (FT)	WIDTH (FT)	44200574 TYPE I, 13" (SQ YD)	44200610 TYPE II, 13" (SQ YD)	44213200 SAW CUTS (FT)	44213000 PATCHING REINFORCEMENT (SQ YD)
N.B.	D.L.	120+00.00	6.00	12.00		8.00	60.00	8.00
N.B.	D.L.	144+00.00	6.00	12.00		8.00	60.00	8.00
N.B.	D.L.	146+00.00	6.00	6.00	4.00		36.00	4.00
N.B.	D.L.	150+00.00	6.00	12.00		8.00	60.00	8.00
N.B.	D.L.	250+00.00	6.00	12.00		8.00	60.00	8.00
N.B.	D.L.	322+00.00	6.00	12.00		8.00	60.00	8.00
N.B.	D.L.	445+00.00	6.00	6.00	4.00		36.00	4.00
N.B.	D.L.	447+00.00	6.00	6.00	4.00		36.00	4.00
N.B.	D.L.	500+00.00	10.00	12.00		13.33	68.00	13.33
N.B.	D.L.	560+00.00	6.00	6.00	4.00		36.00	4.00
N.B.	D.L.	570+00.00	6.00	6.00	4.00		36.00	4.00
N.B.	D.L.	571+00.00	6.00	6.00	4.00		36.00	4.00
N.B.	D.L.	615+00.00	6.00	12.00		8.00	60.00	8.00
S.B.	D.L.	115+00.00	6.00	12.00		8.00	60.00	8.00
S.B.	D.L.	118+00.00	6.00	6.00	4.00		36.00	4.00
S.B.	D.L.	140+00.00	6.00	6.00	4.00		36.00	4.00
S.B.	D.L.	142+00.00	6.00	6.00	4.00		36.00	4.00
S.B.	D.L.	144+00.00	6.00	6.00	4.00		36.00	4.00
S.B.	D.L.	240+60.00	6.00	6.00	4.00		36.00	4.00
S.B.	D.L.	239+36.00	10.00	12.00		13.33	68.00	13.33
S.B.	D.L.	322+30.00	6.00	12.00		8.00	60.00	8.00
S.B.	D.L.	321+69.00	10.00	12.00		13.33	68.00	13.33
S.B.	D.L.	464+00.00	6.00	6.00	4.00		36.00	4.00
S.B.	D.L.	609+00.00	6.00	6.00	4.00		36.00	4.00
S.B.	D.L.	618+00.00	6.00	12.00		8.00	60.00	8.00
TOTAL =					52.00	111.99	1212.00	163.99
USE =					52.00	112.00	1212.00	164.00
					(SQ YD)	(SQ YD)	(FT)	(SQ YD)

44000162 HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"

LOCATION		STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
N.B.	D.L.	114+64.00		279+78.00	16514.00	12.00	22018.67
N.B.	P.L.	114+64.00		279+78.00	16514.00	12.00	22018.67
N.B.	D.L.	279+78.00		320+99.14	4121.14	12.00	5494.85
N.B.	P.L.	279+78.00		320+99.14	4121.14	12.00	5494.85
N.B.	D.L.	325+50.42		585+32.13	25981.71	12.00	34642.28
N.B.	P.L.	325+50.42		585+32.13	25981.71	12.00	34642.28
N.B.	D.L.	591+42.86		605+77.74	1434.88	12.00	1913.17
N.B.	P.L.	591+42.86		605+77.74	1434.88	12.00	1913.17
N.B.	D.L.	611+29.07		625+10.00	1380.93	12.00	1841.24
N.B.	P.L.	611+29.07		625+10.00	1380.93	12.00	1841.24
S.B.	D.L.	114+64.00		279+78.00	16514.00	12.00	22018.67
S.B.	P.L.	114+64.00		279+78.00	16514.00	12.00	22018.67
S.B.	A.L.	114+64.00		120+60.28	596.28	12.00	795.04
S.B.	A.L.	120+60.28		126+60.28	600.00	6.00	400.00
S.B.	D.L.	279+78.00		320+39.58	4061.58	12.00	5415.44
S.B.	P.L.	279+78.00		320+39.58	4061.58	12.00	5415.44
S.B.	D.L.	324+90.86		585+32.13	26041.27	12.00	34721.69
S.B.	P.L.	324+90.86		585+32.13	26041.27	12.00	34721.69
S.B.	D.L.	591+42.86		605+41.74	1398.88	12.00	1865.17
S.B.	P.L.	591+42.86		605+41.74	1398.88	12.00	1865.17
S.B.	D.L.	611+29.07		621+47.00	1017.93	12.00	1357.24
S.B.	P.L.	611+29.07		621+47.00	1017.93	12.00	1357.24
TOTAL =							263771.89
USE =							263772.00
							SQ YD
							SQ YD

NOTE:
 THE STATIONS LISTED FOR THE PATCHES ARE APPROXIMATE LOCATIONS.
 THE ACTUAL LOCATION AND SIZE SHALL BE FIELD VERIFIED AS SPECIFIED IN G.N.-442B.

LEGEND FOR SCHEDULE OF QUANTITIES			
N.B.	NORTHBOUND	D.L.	DRIVING LANE
S.B.	SOUTHBOUND	P.L.	PASSING LANE
C.L.	CENTERLINE	A.L.	AUXILIARY LANE

SCHEDULE OF QUANTITIES

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
N.B. D.L.	320+99.14		322+29.14	130.00	12.00	173.33
N.B. P.L.	320+99.14		322+29.14	130.00	12.00	173.33
N.B. D.L.	324+20.42		325+50.42	130.00	12.00	173.33
N.B. P.L.	324+20.42		325+50.42	130.00	12.00	173.33
N.B. D.L.	585+32.13		586+62.13	130.00	12.00	173.33
N.B. P.L.	585+32.13		586+62.13	130.00	12.00	173.33
N.B. D.L.	590+12.86		591+42.86	130.00	12.00	173.33
N.B. P.L.	590+12.86		591+42.86	130.00	12.00	173.33
N.B. D.L.	605+77.74		607+07.74	130.00	12.00	173.33
N.B. P.L.	605+77.74		607+07.74	130.00	12.00	173.33
N.B. D.L.	609+99.07		611+29.07	130.00	12.00	173.33
N.B. P.L.	609+99.07		611+29.07	130.00	12.00	173.33
S.B. D.L.	320+39.58		321+69.58	130.00	12.00	173.33
S.B. P.L.	320+39.58		321+69.58	130.00	12.00	173.33
S.B. D.L.	323+60.86		324+90.86	130.00	12.00	173.33
S.B. P.L.	323+60.86		324+90.86	130.00	12.00	173.33
S.B. D.L.	585+32.13		586+62.13	130.00	12.00	173.33
S.B. P.L.	585+32.13		586+62.13	130.00	12.00	173.33
S.B. D.L.	590+12.86		591+42.86	130.00	12.00	173.33
S.B. P.L.	590+12.86		591+42.86	130.00	12.00	173.33
S.B. D.L.	605+41.74		606+71.74	130.00	12.00	173.33
S.B. P.L.	605+41.74		606+71.74	130.00	12.00	173.33
S.B. D.L.	609+99.07		611+29.07	130.00	12.00	173.33
S.B. P.L.	609+99.07		611+29.07	130.00	12.00	173.33
TOTAL =						4159.92 SQ YD
USE =						4160.00 SQ YD

40600990 TEMPORARY RAMP

LOCATION	STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	CONSTRUCT AFTER
N.B. D.L.	114+64.00		114+96.50	32.50	12.00	43.33	MILLING
N.B. P.L.	114+64.00		114+96.50	32.50	12.00	43.33	MILLING
N.B. D.L.	114+64.00		114+79.00	15.00	12.00	20.00	S.C. MIX "C"
N.B. P.L.	114+64.00		114+79.00	15.00	12.00	20.00	S.C. MIX "C"
N.B. D.L.	322+14.14		322+29.14	15.00	12.00	20.00	MILLING
N.B. P.L.	322+14.14		322+29.14	15.00	12.00	20.00	MILLING
N.B. D.L.	324+20.42		324+35.42	15.00	12.00	20.00	MILLING
N.B. P.L.	324+20.42		324+35.42	15.00	12.00	20.00	MILLING
N.B. D.L.	586+47.13		586+62.13	15.00	12.00	20.00	MILLING
N.B. P.L.	586+47.13		586+62.13	15.00	12.00	20.00	MILLING
N.B. D.L.	590+12.86		590+27.86	15.00	12.00	20.00	MILLING
N.B. P.L.	590+12.86		590+27.86	15.00	12.00	20.00	MILLING
N.B. D.L.	606+92.74		607+07.74	15.00	12.00	20.00	MILLING
N.B. P.L.	606+92.74		607+07.74	15.00	12.00	20.00	MILLING
N.B. D.L.	609+99.07		610+14.07	15.00	12.00	20.00	MILLING
N.B. P.L.	609+99.07		610+14.07	15.00	12.00	20.00	MILLING
N.B. D.L.	624+77.50		625+10.00	32.50	12.00	43.33	MILLING
N.B. P.L.	624+77.50		625+10.00	32.50	12.00	43.33	MILLING
N.B. D.L.	624+95.00		625+10.00	15.00	12.00	20.00	S.C. MIX "C"
N.B. P.L.	624+95.00		625+10.00	15.00	12.00	20.00	S.C. MIX "C"
S.B. D.L.	114+64.00		114+96.50	32.50	12.00	43.33	MILLING
S.B. P.L.	114+64.00		114+96.50	32.50	12.00	43.33	MILLING
S.B. A.L.	114+64.00		114+96.50	32.50	12.00	43.33	MILLING
S.B. D.L.	114+64.00		114+79.00	15.00	12.00	20.00	S.C. MIX "C"
S.B. P.L.	114+64.00		114+79.00	15.00	12.00	20.00	S.C. MIX "C"
S.B. A.L.	114+64.00		114+79.00	15.00	12.00	20.00	S.C. MIX "C"
S.B. D.L.	321+54.58		321+69.58	15.00	12.00	20.00	MILLING
S.B. P.L.	321+54.58		321+69.58	15.00	12.00	20.00	MILLING
S.B. D.L.	323+60.86		323+75.86	15.00	12.00	20.00	MILLING
S.B. P.L.	323+60.86		323+75.86	15.00	12.00	20.00	MILLING
S.B. D.L.	586+47.13		586+62.13	15.00	12.00	20.00	MILLING
S.B. P.L.	586+47.13		586+62.13	15.00	12.00	20.00	MILLING
S.B. D.L.	590+12.86		590+27.86	15.00	12.00	20.00	MILLING
S.B. P.L.	590+12.86		590+27.86	15.00	12.00	20.00	MILLING
S.B. D.L.	606+56.74		606+71.74	15.00	12.00	20.00	MILLING
S.B. P.L.	606+56.74		606+71.74	15.00	12.00	20.00	MILLING
S.B. D.L.	609+99.07		610+14.07	15.00	12.00	20.00	MILLING
S.B. P.L.	609+99.07		610+14.07	15.00	12.00	20.00	MILLING
S.B. D.L.	621+14.50		621+47.00	32.50	12.00	43.33	MILLING
S.B. P.L.	621+14.50		621+47.00	32.50	12.00	43.33	MILLING
S.B. D.L.	621+32.00		621+47.00	15.00	12.00	20.00	S.C. MIX "C"
S.B. P.L.	621+32.00		621+47.00	15.00	12.00	20.00	S.C. MIX "C"
TOTAL =						1050.00 SQ YD	

LEGEND FOR SCHEDULE OF QUANTITIES			
N.B.	NORTHBOUND	D.L.	DRIVING LANE
S.B.	SOUTHBOUND	P.L.	PASSING LANE
C.L.	CENTERLINE	A.L.	AUXILIARY LANE

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SCHEDULE

										40603525	40603550	40600100	40600300	X0322729
LOCATION	STATION	TO	STATION	LENGTH	WIDTH	AREA	HMA SC MIX "C" THICKNESS	HMA SC MIX "D" THICKNESS	P HMA SC MIX "C" N105	P HMA SC MIX "D" N105	BIT MATLS PRIME COAT	AGGREGATE PRIME COAT	MATERIAL TRANSFER DEVICE	
				(FT)	(FT)	(SQ YD)	(INCHES)	(INCHES)	(TON)	(TON)	(GALLON)	(TON)	(TON)	
N.B. D.L.	114+64.00		279+78.00	16514.00	12.00	22018.67	1.75	1.50	2182.49	1849.57	3302.80	44.04	4032.06	
N.B. P.L.	114+64.00		279+78.00	16514.00	12.00	22018.67	1.75	1.50	2182.49	1849.57	3302.80	44.04	4032.06	
N.B. D.L.	279+78.00		322+29.14	4251.14	12.00	5668.19	1.75	1.50	561.83	476.13	850.23	11.34	1037.96	
N.B. P.L.	279+78.00		322+29.14	4251.14	12.00	5668.19	1.75	1.50	561.83	476.13	850.23	11.34	1037.96	
N.B. D.L.	324+20.42		586+62.13	26241.71	12.00	34988.95	1.75	1.50	3468.10	2939.07	5248.34	69.98	6407.18	
N.B. P.L.	324+20.42		586+62.13	26241.71	12.00	34988.95	1.75	1.50	3468.10	2939.07	5248.34	69.98	6407.18	
N.B. D.L.	590+12.86		607+07.74	1694.88	12.00	2259.84	1.75	1.50	224.00	189.83	338.98	4.52	413.82	
N.B. P.L.	590+12.86		607+07.74	1694.88	12.00	2259.84	1.75	1.50	224.00	189.83	338.98	4.52	413.82	
N.B. D.L.	609+99.07		625+10.00	1510.93	12.00	2014.57	1.75	1.50	199.68	169.22	302.19	4.03	368.91	
N.B. P.L.	609+99.07		625+10.00	1510.93	12.00	2014.57	1.75	1.50	199.68	169.22	302.19	4.03	368.91	
S.B. D.L.	114+64.00		279+78.00	16514.00	12.00	22018.67	1.75	1.50	2182.49	1849.57	3302.80	44.04	4032.06	
S.B. P.L.	114+64.00		279+78.00	16514.00	12.00	22018.67	1.75	1.50	2182.49	1849.57	3302.80	44.04	4032.06	
S.B. A.L.	114+64.00		120+60.28	596.28	12.00	795.04	1.75	1.50	78.80	66.78	119.26	1.59	145.59	
S.B. A.L.	120+60.28		126+60.28	600.00	6.00	400.00	1.75	1.50	39.65	33.60	60.00	0.80	73.25	
S.B. D.L.	279+78.00		321+69.58	4191.58	12.00	5588.77	1.75	1.50	553.96	469.46	838.32	11.18	1023.42	
S.B. P.L.	279+78.00		321+69.58	4191.58	12.00	5588.77	1.75	1.50	553.96	469.46	838.32	11.18	1023.42	
S.B. D.L.	323+60.86		586+62.13	26301.27	12.00	35068.36	1.75	1.50	3475.98	2945.74	5260.25	70.14	6421.72	
S.B. P.L.	323+60.86		586+62.13	26301.27	12.00	35068.36	1.75	1.50	3475.98	2945.74	5260.25	70.14	6421.72	
S.B. D.L.	590+12.86		606+71.74	1658.88	12.00	2211.84	1.75	1.50	219.24	185.79	331.78	4.42	405.03	
S.B. P.L.	590+12.86		606+71.74	1658.88	12.00	2211.84	1.75	1.50	219.24	185.79	331.78	4.42	405.03	
S.B. D.L.	609+99.07		621+47.00	1147.93	12.00	1530.57	1.75	1.50	151.71	128.57	229.59	3.06	280.28	
S.B. P.L.	609+99.07		621+47.00	1147.93	12.00	1530.57	1.75	1.50	151.71	128.57	229.59	3.06	280.28	
TOTAL =									26557.41	22506.28	40189.78	535.86	49063.69	
USE =									26557.00	22506.00	40190.00	536.00	49063.00	
									TON	TON	GALLON	TON	TON	

LEGEND FOR SCHEDULE OF QUANTITIES			
N.B.	NORTHBOUND	D.L.	DRIVING LANE
S.B.	SOUTHBOUND	P.L.	PASSING LANE
C.L.	CENTERLINE	A.L.	AUXILIARY LANE

SCHEDULE OF QUANTITIES

70300100 SHORT TERM PAVEMENT MARKING

LOCATION	STATION	TO	STATION	LENGTH (FT)	APPLY AFTER	APPLY TO	COLOR
N.B. RT.	114+64.00		279+78.00	660.00	MILLING D.L.	SHOULDER	WHITE
N.B. P.L.	114+64.00		279+78.00	1652.00	MILLING D.L.	SURFACE	WHITE
N.B. LT.	114+64.00		279+78.00	660.00	MILLING P.L.	SHOULDER	YELLOW
N.B. D.L.	114+64.00		279+78.00	1652.00	MILLING P.L.	SURFACE	WHITE
N.B. RT.	279+78.00		322+29.14	176.00	MILLING D.L.	SHOULDER	WHITE
N.B. P.L.	279+78.00		322+29.14	432.00	MILLING D.L.	SURFACE	WHITE
N.B. LT.	279+78.00		322+29.14	176.00	MILLING P.L.	SHOULDER	YELLOW
N.B. D.L.	279+78.00		322+29.14	432.00	MILLING P.L.	SURFACE	WHITE
N.B. RT.	324+20.42		586+62.13	1056.00	MILLING D.L.	SHOULDER	WHITE
N.B. P.L.	324+20.42		586+62.13	2628.00	MILLING D.L.	SURFACE	WHITE
N.B. LT.	324+20.42		586+62.13	1056.00	MILLING P.L.	SHOULDER	YELLOW
N.B. D.L.	324+20.42		586+62.13	2628.00	MILLING P.L.	SURFACE	WHITE
N.B. RT.	590+12.86		607+07.74	72.00	MILLING D.L.	SHOULDER	WHITE
N.B. P.L.	590+12.86		607+07.74	176.00	MILLING D.L.	SURFACE	WHITE
N.B. LT.	590+12.86		607+07.74	72.00	MILLING P.L.	SHOULDER	YELLOW
N.B. D.L.	590+12.86		607+07.74	176.00	MILLING P.L.	SURFACE	WHITE
N.B. RT.	609+99.07		625+10.00	64.00	MILLING D.L.	SHOULDER	WHITE
N.B. P.L.	609+99.07		625+10.00	156.00	MILLING D.L.	SURFACE	WHITE
N.B. LT.	609+99.07		625+10.00	64.00	MILLING P.L.	SHOULDER	YELLOW
N.B. D.L.	609+99.07		625+10.00	156.00	MILLING P.L.	SURFACE	WHITE
S.B. LT.	114+64.00		279+78.00	660.00	MILLING D.L.	SHOULDER	WHITE
S.B. P.L.	114+64.00		279+78.00	1652.00	MILLING D.L.	SURFACE	WHITE
S.B. RT.	114+64.00		279+78.00	660.00	MILLING P.L.	SHOULDER	YELLOW
S.B. D.L.	114+64.00		279+78.00	1652.00	MILLING P.L.	SURFACE	WHITE
S.B. LT.	279+78.00		321+69.58	172.00	MILLING D.L.	SHOULDER	WHITE
S.B. P.L.	279+78.00		321+69.58	424.00	MILLING D.L.	SURFACE	WHITE
S.B. RT.	279+78.00		321+69.58	172.00	MILLING P.L.	SHOULDER	YELLOW
S.B. D.L.	279+78.00		321+69.58	424.00	MILLING P.L.	SURFACE	WHITE
S.B. LT.	323+60.86		586+62.13	1056.00	MILLING D.L.	SHOULDER	WHITE
S.B. P.L.	323+60.86		586+62.13	2636.00	MILLING D.L.	SURFACE	WHITE
S.B. RT.	323+60.86		586+62.13	1056.00	MILLING P.L.	SHOULDER	YELLOW
S.B. D.L.	323+60.86		586+62.13	2636.00	MILLING P.L.	SURFACE	WHITE
S.B. LT.	590+12.86		606+71.74	72.00	MILLING D.L.	SHOULDER	WHITE
S.B. P.L.	590+12.86		606+71.74	172.00	MILLING D.L.	SURFACE	WHITE
S.B. RT.	590+12.86		606+71.74	72.00	MILLING P.L.	SHOULDER	YELLOW
S.B. D.L.	590+12.86		606+71.74	172.00	MILLING P.L.	SURFACE	WHITE
S.B. LT.	609+99.07		621+47.00	52.00	MILLING D.L.	SHOULDER	WHITE
S.B. P.L.	609+99.07		621+47.00	120.00	MILLING D.L.	SURFACE	WHITE
S.B. RT.	609+99.07		621+47.00	52.00	MILLING P.L.	SHOULDER	YELLOW
S.B. D.L.	609+99.07		621+47.00	120.00	MILLING P.L.	SURFACE	WHITE

TOTAL = 28176.00 FT

70301000 WORK ZONE PAVEMENT MARKER REMOVAL

LOCATION	STATION	TO	STATION	LENGTH (FT)	AREA (SQ FT)	REMOVE FROM
N.B. LT.	114+64.00		279+78.00	660.00	220.00	SHOULDER
N.B. RT.	114+64.00		279+78.00	660.00	220.00	SHOULDER
N.B. D.L.	114+64.00		279+78.00	1652.00	550.67	SURFACE
N.B. LT.	279+78.00		322+29.14	176.00	58.67	SHOULDER
N.B. RT.	279+78.00		322+29.14	176.00	58.67	SHOULDER
N.B. D.L.	279+78.00		322+29.14	432.00	144.00	SURFACE
N.B. LT.	324+20.42		586+62.13	1056.00	352.00	SHOULDER
N.B. RT.	324+20.42		586+62.13	1056.00	352.00	SHOULDER
N.B. D.L.	324+20.42		586+62.13	2628.00	876.00	SURFACE
N.B. LT.	590+12.86		607+07.74	72.00	24.00	SHOULDER
N.B. RT.	590+12.86		607+07.74	72.00	24.00	SHOULDER
N.B. D.L.	590+12.86		607+07.74	176.00	58.67	SURFACE
N.B. LT.	609+99.07		625+10.00	64.00	21.33	SHOULDER
N.B. RT.	609+99.07		625+10.00	64.00	21.33	SHOULDER
N.B. D.L.	609+99.07		625+10.00	156.00	52.00	SURFACE
S.B. RT.	114+64.00		279+78.00	660.00	220.00	SHOULDER
S.B. LT.	114+64.00		279+78.00	660.00	220.00	SHOULDER
S.B. D.L.	114+64.00		279+78.00	1652.00	550.67	SURFACE
S.B. RT.	279+78.00		321+69.58	172.00	57.33	SHOULDER
S.B. LT.	279+78.00		321+69.58	172.00	57.33	SHOULDER
S.B. D.L.	279+78.00		321+69.58	424.00	141.33	SURFACE
S.B. RT.	323+60.86		586+62.13	1056.00	352.00	SHOULDER
S.B. LT.	323+60.86		586+62.13	1056.00	352.00	SHOULDER
S.B. D.L.	323+60.86		586+62.13	2636.00	878.67	SURFACE
S.B. RT.	590+12.86		606+71.74	72.00	24.00	SHOULDER
S.B. LT.	590+12.86		606+71.74	72.00	24.00	SHOULDER
S.B. D.L.	590+12.86		606+71.74	172.00	57.33	SURFACE
S.B. RT.	609+99.07		621+47.00	52.00	17.33	SHOULDER
S.B. LT.	609+99.07		621+47.00	52.00	17.33	SHOULDER
S.B. D.L.	609+99.07		621+47.00	120.00	40.00	SURFACE

TOTAL = 6042.67 SQ FT
USE = 6043.00 SQ FT

LEGEND FOR SCHEDULE OF QUANTITIES			
N.B.	NORTHBOUND	D.L.	DRIVING LANE
S.B.	SOUTHBOUND	P.L.	PASSING LANE
C.L.	CENTERLINE	A.L.	AUXILIARY LANE

SCHEDULE OF QUANTITIES

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

LOCATION	STATION	TO	STATION	LENGTH (FT)	COLOR
N.B. LT.	114+64.00		279+78.00	16514.00	YELLOW
N.B. RT.	114+64.00		243+20.00	12856.00	WHITE
N.B. RT.	247+50.00		268+10.00	2060.00	WHITE
N.B. RT.	272+80.00		279+78.00	698.00	WHITE
N.B. LT.	279+78.00		625+10.00	34532.00	YELLOW
N.B. RT.	279+78.00		625+10.00	34532.00	WHITE
N.B. C.L.	322+29.14		324+20.42	50.00	WHITE
N.B. C.L.	586+62.13		590+12.86	90.00	WHITE
N.B. C.L.	607+07.74		609+99.07	80.00	WHITE
S.B. RT.	114+64.00		279+78.00	16514.00	YELLOW
S.B. LT.	114+64.00		246+00.00	13136.00	WHITE
S.B. LT.	250+70.00		271+15.00	2045.00	WHITE
S.B. LT.	275+45.00		279+78.00	433.00	WHITE
S.B. RT.	279+78.00		621+47.00	34169.00	YELLOW
S.B. LT.	279+78.00		621+47.00	34169.00	WHITE
S.B. C.L.	321+69.58		323+60.86	50.00	WHITE
S.B. C.L.	586+62.13		590+12.86	90.00	WHITE
S.B. C.L.	606+71.74		609+99.07	80.00	WHITE
TOTAL =				202098.00	FT

NOTE:
 QUANTITIES SHOWN AT THE CENTERLINE (C.L.) ARE SKIP-DASH PAVEMENT MARKINGS FOR THE BRIDGE OMISSION LOCATIONS. THESE LOCATIONS ARE OMITTED FROM THE PREFORMED PLASTIC PAVEMENT MARKINGS TYPE B - LINE 4".

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

(I-55 GORE AREAS AT RAMPS)

LOCATION	STATION	TO	STATION	LENGTH (FT)	COLOR
N.B. RT.	243+20.00		247+50.00	430.00	WHITE
N.B. RT.	268+10.00		272+80.00	470.00	WHITE
S.B. LT.	246+00.00		250+70.00	470.00	WHITE
S.B. LT.	271+15.00		275+45.00	430.00	WHITE
TOTAL =				1800.00	FT

X0301741 AERIAL SPEED CHECK MARKING

STATION	LENGTH (FT)	COLOR
N.B. 167+90.00	12.00	WHITE
N.B. 174+50.00	12.00	WHITE
S.B. 441+50.00	12.00	WHITE
S.B. 448+10.00	12.00	WHITE
TOTAL =		48.00 FT

78003110 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"

(I-55 CENTERLINE SKIP-DASH)

LOCATION	STATION	TO	STATION	LENGTH (FT)	COLOR
N.B. C.L.	114+64.00		279+78.00	4130.00	WHITE
N.B. C.L.	279+78.00		322+29.14	1060.00	WHITE
N.B. C.L.	324+20.42		586+62.13	6560.00	WHITE
N.B. C.L.	590+12.86		607+07.74	420.00	WHITE
N.B. C.L.	609+99.07		625+10.00	380.00	WHITE
S.B. A.L.	114+64.00		120+60.28	150.00	WHITE
S.B. C.L.	114+64.00		279+78.00	4130.00	WHITE
S.B. C.L.	279+78.00		321+69.58	1050.00	WHITE
S.B. C.L.	323+60.86		586+62.13	6580.00	WHITE
S.B. C.L.	590+12.86		606+71.74	420.00	WHITE
S.B. C.L.	609+99.07		621+47.00	290.00	WHITE
TOTAL =				25170.00	FT

70300220 TEMPORARY PAVEMENT MARKING - LINE 4"

LOCATION	STATION	TO	STATION	LENGTH (FT)	COLOR
N.B. LT.	114+64.00		279+78.00	16514.00	YELLOW
N.B. RT.	114+64.00		243+20.00	12856.00	WHITE
N.B. C.L.	114+64.00		279+78.00	4130.00	WHITE
N.B. RT.	247+50.00		268+10.00	2060.00	WHITE
N.B. RT.	272+80.00		279+78.00	698.00	WHITE
N.B. LT.	279+78.00		625+10.00	34532.00	YELLOW
N.B. RT.	279+78.00		625+10.00	34532.00	WHITE
N.B. C.L.	279+78.00		322+29.14	1060.00	WHITE
N.B. C.L.	322+29.14		324+20.42	50.00	WHITE
N.B. C.L.	324+20.42		586+62.13	6560.00	WHITE
N.B. C.L.	586+62.13		590+12.86	90.00	WHITE
N.B. C.L.	590+12.86		607+07.74	420.00	WHITE
N.B. C.L.	607+07.74		609+99.07	80.00	WHITE
N.B. C.L.	609+99.07		625+10.00	380.00	WHITE
S.B. RT.	114+64.00		279+78.00	16514.00	YELLOW
S.B. LT.	114+64.00		246+00.00	13136.00	WHITE
S.B. C.L.	114+64.00		279+78.00	4130.00	WHITE
S.B. A.L.	114+64.00		120+60.28	150.00	WHITE
S.B. LT.	250+70.00		271+15.00	2045.00	WHITE
S.B. LT.	275+45.00		279+78.00	433.00	WHITE
S.B. RT.	279+78.00		621+47.00	34169.00	YELLOW
S.B. LT.	279+78.00		621+47.00	34169.00	WHITE
S.B. C.L.	279+78.00		321+69.58	1050.00	WHITE
S.B. C.L.	321+69.58		323+60.86	50.00	WHITE
S.B. C.L.	323+60.86		586+62.13	6580.00	WHITE
S.B. C.L.	586+62.13		590+12.86	90.00	WHITE
S.B. C.L.	590+12.86		606+71.74	420.00	WHITE
S.B. C.L.	606+71.74		609+99.07	80.00	WHITE
S.B. C.L.	609+99.07		621+47.00	290.00	WHITE
TOTAL =				227268.00	FT

70300250 TEMPORARY PAVEMENT MARKING, LINE 8"

(I-55 GORE AREAS AT RAMPS)

LOCATION	STATION	TO	STATION	LENGTH (FT)	COLOR
N.B. RT.	243+20.00		247+50.00	430.00	WHITE
N.B. RT.	268+10.00		272+80.00	470.00	WHITE
S.B. LT.	246+00.00		250+70.00	470.00	WHITE
S.B. LT.	271+15.00		275+45.00	430.00	WHITE
TOTAL =				1800.00	FT

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

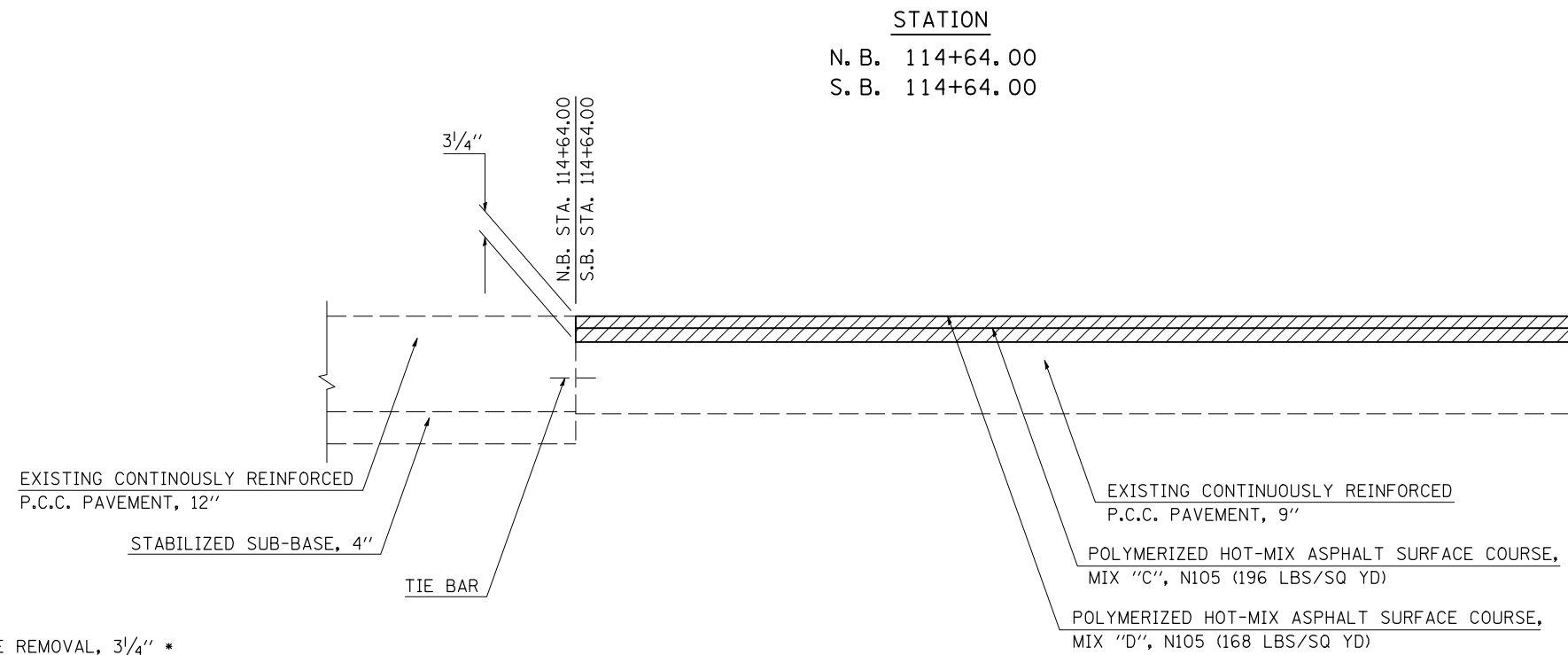
LOCATION	STATION	TO	STATION	LENGTH (FT)	QUANTITY (EACH)
N.B. C.L.	114+64.00		279+78.00	16514.00	414.00
N.B. RT.	243+20.00		247+50.00	430.00	12.00
N.B. C.L.	279+78.00		322+29.14	4251.14	106.00
N.B. C.L.	324+20.42		586+62.13	26241.71	656.00
N.B. C.L.	590+12.86		607+07.74	1694.88	42.00
N.B. C.L.	609+99.07		625+10.00	1510.93	38.00
S.B. A.L.	114+64.00		120+60.28	596.28	16.00
S.B. C.L.	114+64.00		279+78.00	16514.00	414.00
S.B. LT.	271+15.00		275+45.00	430.00	12.00
S.B. C.L.	279+78.00		321+69.58	4191.58	106.00
S.B. C.L.	323+60.86		586+62.13	26301.27	658.00
S.B. C.L.	590+12.86		606+71.74	1658.88	42.00
S.B. C.L.	609+99.07		621+47.00	1147.93	30.00
TOTAL =					2546.00 EACH

78100100 RAISED REFLECTIVE PAVEMENT MARKER

LOCATION	STATION	TO	STATION	LENGTH (FT)	QUANTITY (EACH)
N.B. C.L.	114+64.00		279+78.00	16514.00	414.00
N.B. RT.	243+20.00		247+50.00	430.00	12.00
N.B. C.L.	279+78.00		322+29.14	4251.14	106.00
N.B. C.L.	324+20.42		586+62.13	26241.71	656.00
N.B. C.L.	590+12.86		607+07.74	1694.88	42.00
N.B. C.L.	609+99.07		625+10.00	1510.93	38.00
S.B. A.L.	114+64.00		120+60.28	596.28	16.00
S.B. C.L.	114+64.00		279+78.00	16514.00	414.00
S.B. LT.	271+15.00		275+45.00	430.00	12.00
S.B. C.L.	279+78.00		321+69.58	4191.58	106.00
S.B. C.L.	323+60.86		586+62.13	26301.27	658.00
S.B. C.L.	590+12.86		606+71.74	1658.88	42.00
S.B. C.L.	609+99.07		621+47.00	1147.93	30.00
TOTAL =					2546.00 EACH

LEGEND FOR SCHEDULE OF QUANTITIES			
N.B.	NORTHBOUND	D.L.	DRIVING LANE
S.B.	SOUTHBOUND	P.L.	PASSING LANE
C.L.	CENTERLINE	A.L.	AUXILIARY LANE

DETAIL FOR MILLING /PAVING TRANSITION AT BEGINNING OF PROJECT



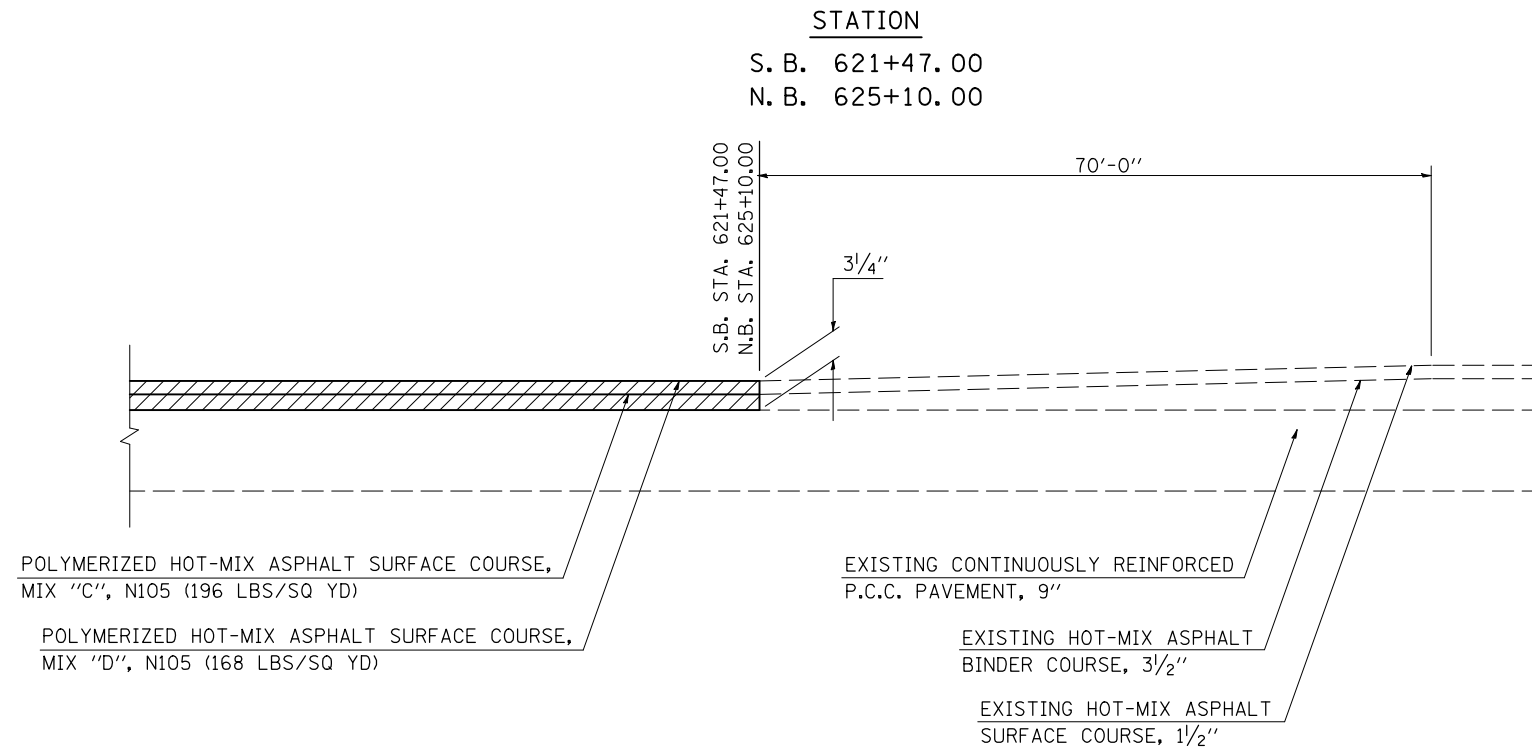
HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" *

* NOTE:
THE SPECIFIED DEPTH IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HMA OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.

NOT TO SCALE

NOTE:
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

DETAIL FOR MILLING /PAVING TRANSITION AT END OF PROJECT



HOT-MIX ASPHALT SURFACE REMOVAL, 3/4" *

* NOTE:
THE SPECIFIED DEPTH IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HMA OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.

NOT TO SCALE

NOTE:
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

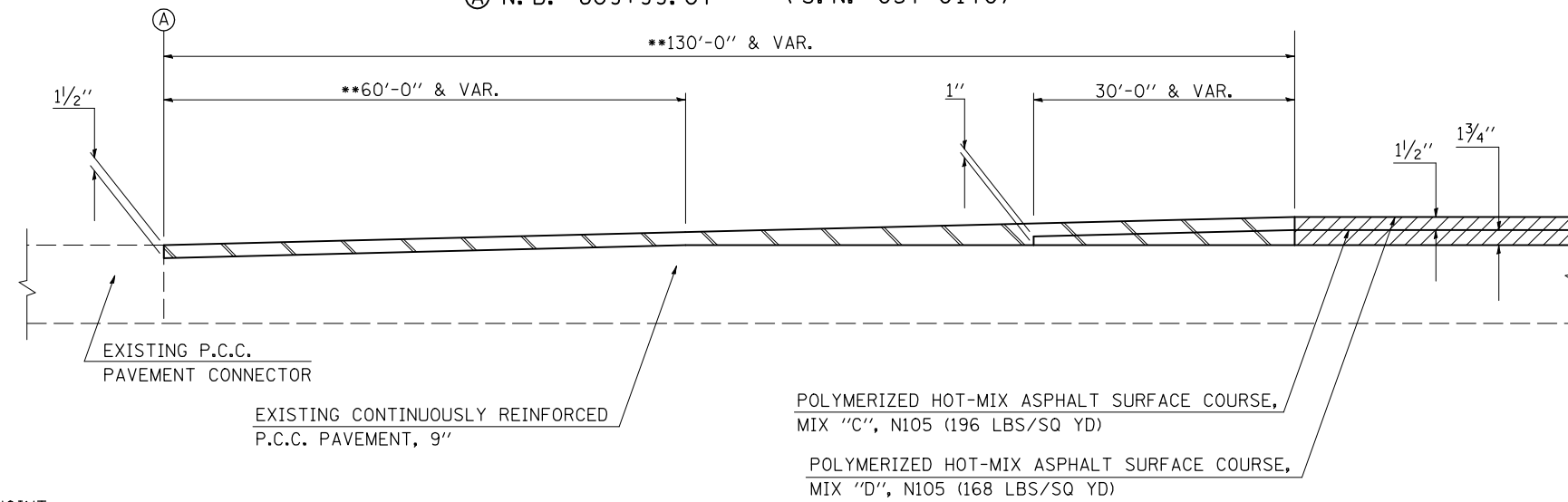
FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MILLING & PAVING TRANSITION DETAILS	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\pwork\work\PIERSONBR\d0176145\0570847-sht-details.dgn		DRAWN - BBP	REVISED -			55	*	MCLEAN	22	16	
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -			(57-3-1,57-3,57-3-2,57-2)RS-1		CONTRACT NO. 70847		ILLINOIS FED. AID PROJECT	
PLOT DATE = 2/4/2010		DATE - 12/30/09	REVISED -			SCALE: NONE	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.		

NOTE:
 THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

DETAIL FOR MILLING /PAVING TRANSITION AT MAINLINE STRUCTURES

STATION		
Ⓐ S. B.	586+62.13	(S. N. 057-0167)
Ⓐ N. B.	586+62.13	(S. N. 057-0168)
Ⓐ S. B.	590+12.86	(S. N. 057-0167)
Ⓐ N. B.	590+12.86	(S. N. 057-0168)
Ⓐ S. B.	606+71.74	(S. N. 057-0169)
Ⓐ S. B.	609+99.07	(S. N. 057-0169)
Ⓐ N. B.	609+99.07	(S. N. 057-0170)

** THE MILLING & PAVING TRANSITION AT THE MAINLINE STRUCTURES SHALL MATCH THE EXISTING SHOULDER PROFILE.



- HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N105 (196 LBS/SQ YD)
 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105 (168 LBS/SQ YD)

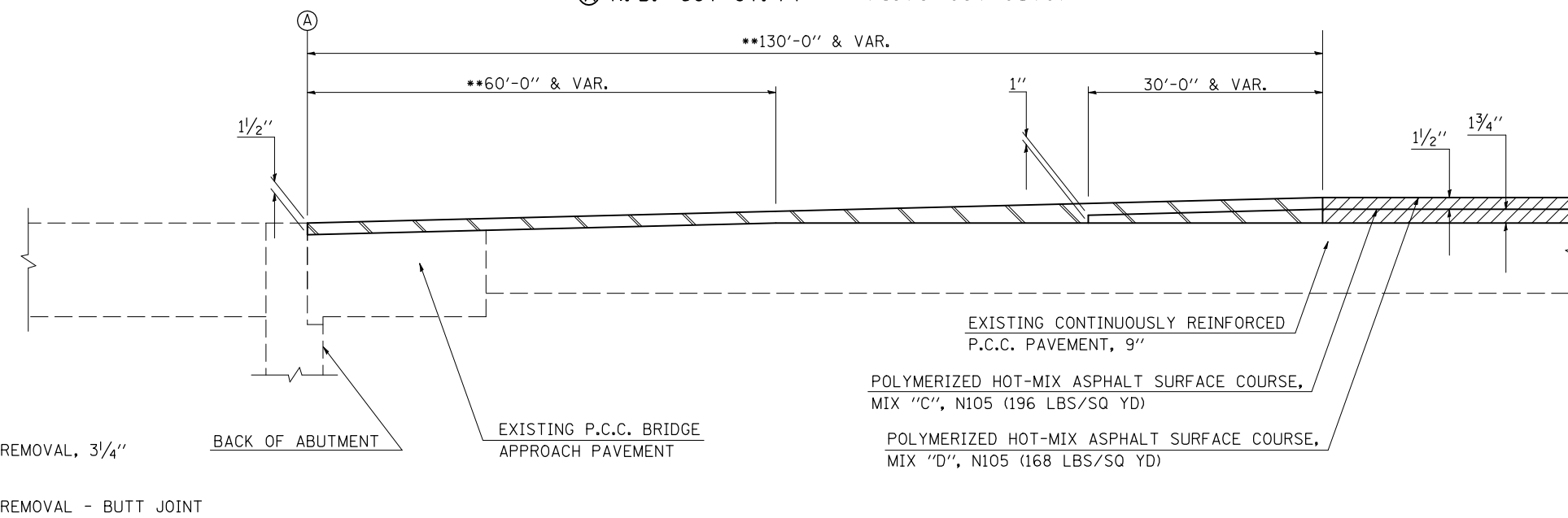
NOT TO SCALE

NOTE:
 THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

DETAIL FOR MILLING /PAVING TRANSITION AT MAINLINE STRUCTURES

STATION		
Ⓐ S. B.	321+69.58	(S. N. 057-0163)
Ⓐ N. B.	322+29.14	(S. N. 057-0164)
Ⓐ S. B.	323+60.86	(S. N. 057-0163)
Ⓐ N. B.	324+20.42	(S. N. 057-0164)
Ⓐ N. B.	607+07.74	(S. N. 057-0170)

** THE MILLING & PAVING TRANSITION AT THE MAINLINE STRUCTURES SHALL MATCH THE EXISTING SHOULDER PROFILE.



- HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT, 9"
 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N105 (196 LBS/SQ YD)
 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105 (168 LBS/SQ YD)

NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
C:\pwork\work\PIWIDOT\PIERSONBR\d0176145\05	0847-sh1-details.dgn	DRAWN - BBP	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/4/2010	DATE - 12/30/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MILLING & PAVING TRANSITION DETAILS

SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MCLEAN	22	17
*57-3-1,57-3,57-3-2,57-2)RS-1			CONTRACT NO. 70847	
ILLINOIS FED. AID PROJECT				

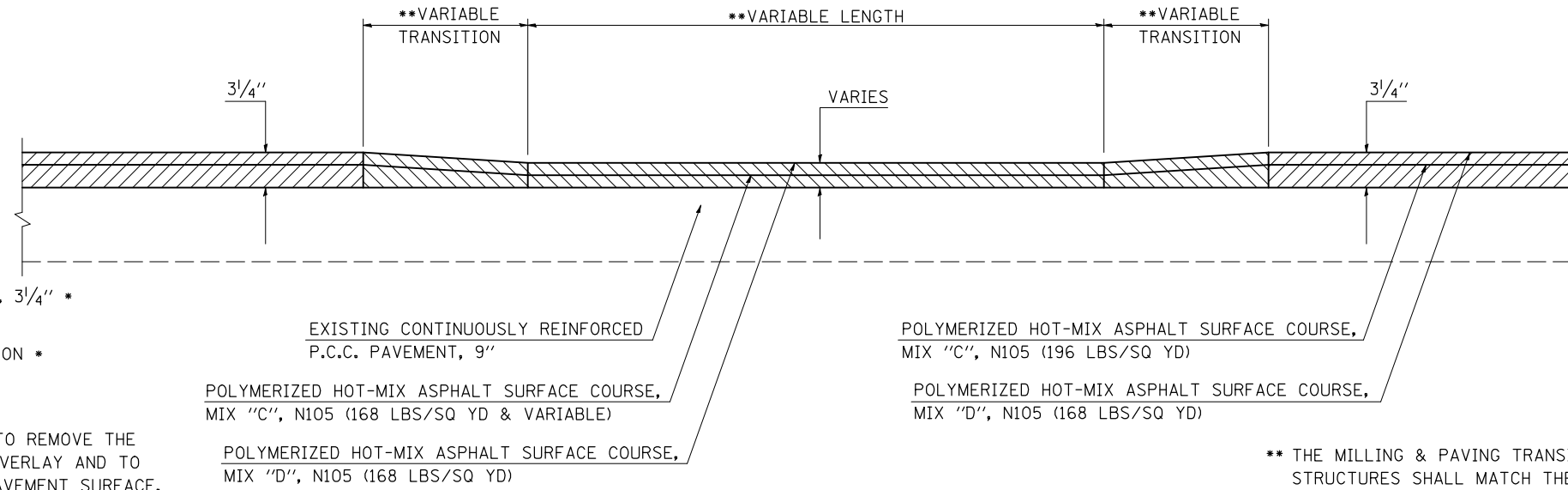
DETAIL FOR MILLING /PAVING TRANSITION UNDER OVERHEAD STRUCTURES

NOTE:
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE:
THE TRANSITION AREA TO BE MILLED UNDER THE OVERHEAD STRUCTURE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE VARIABLE THICKNESSES.

STATION	
N. B.	259+01.12 (S. N. 057-0162)
S. B.	259+70.90 (S. N. 057-0162)
S. B.	464+52.67 (S. N. 057-0165)
N. B.	465+17.33 (S. N. 057-0165)
S. B.	570+74.00 (S. N. 057-0166)
N. B.	571+86.00 (S. N. 057-0166)

NOTE:
THE VARIOUS PAY ITEMS REPRESENT THE BEST INFORMATION AVAILABLE FOR COMPLETION OF THE DESIGN PLANS PRIOR TO LETTING. VARIATIONS IN LOCATIONS AND LENGTHS MAY OCCUR. ALL MEASUREMENTS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO CONSTRUCTION.



- HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" *
- AREA OF HOT-MIX ASPHALT TRANSITION * (VARIABLE MILLING DEPTH)

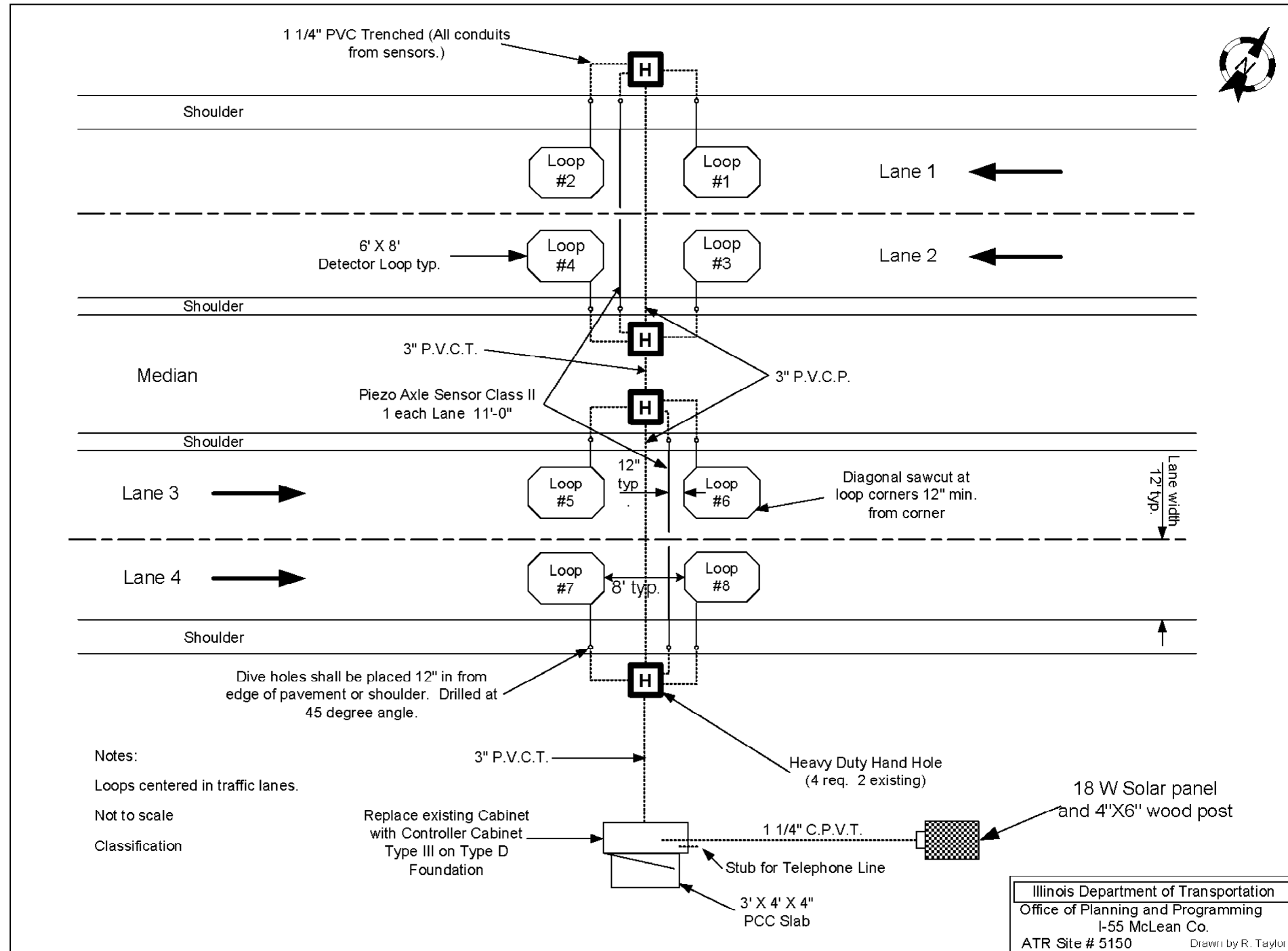
* NOTE:
THE SPECIFIED DEPTH IS INTENDED TO REMOVE THE FULL THICKNESS OF EXISTING HMA OVERLAY AND TO TEXTURE THE EXISTING CONCRETE PAVEMENT SURFACE.

** THE MILLING & PAVING TRANSITION UNDER THE OVERHEAD STRUCTURES SHALL MATCH THE EXISTING SHOULDER PROFILE.

NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MILLING & PAVING TRANSITION DETAILS	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	C:\pwork\pwork\PIERSONBR\d0176145\0570847-sht-details.dgn	DRAWN - BBP	REVISED -			55	*	MCLEAN	22	18	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			*(57-3-1,57-3,57-3-2,57-2)RS-1		CONTRACT NO. 70847			
	PLOT DATE = 2/4/2010	DATE - 12/30/09	REVISED -			SCALE: NONE	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

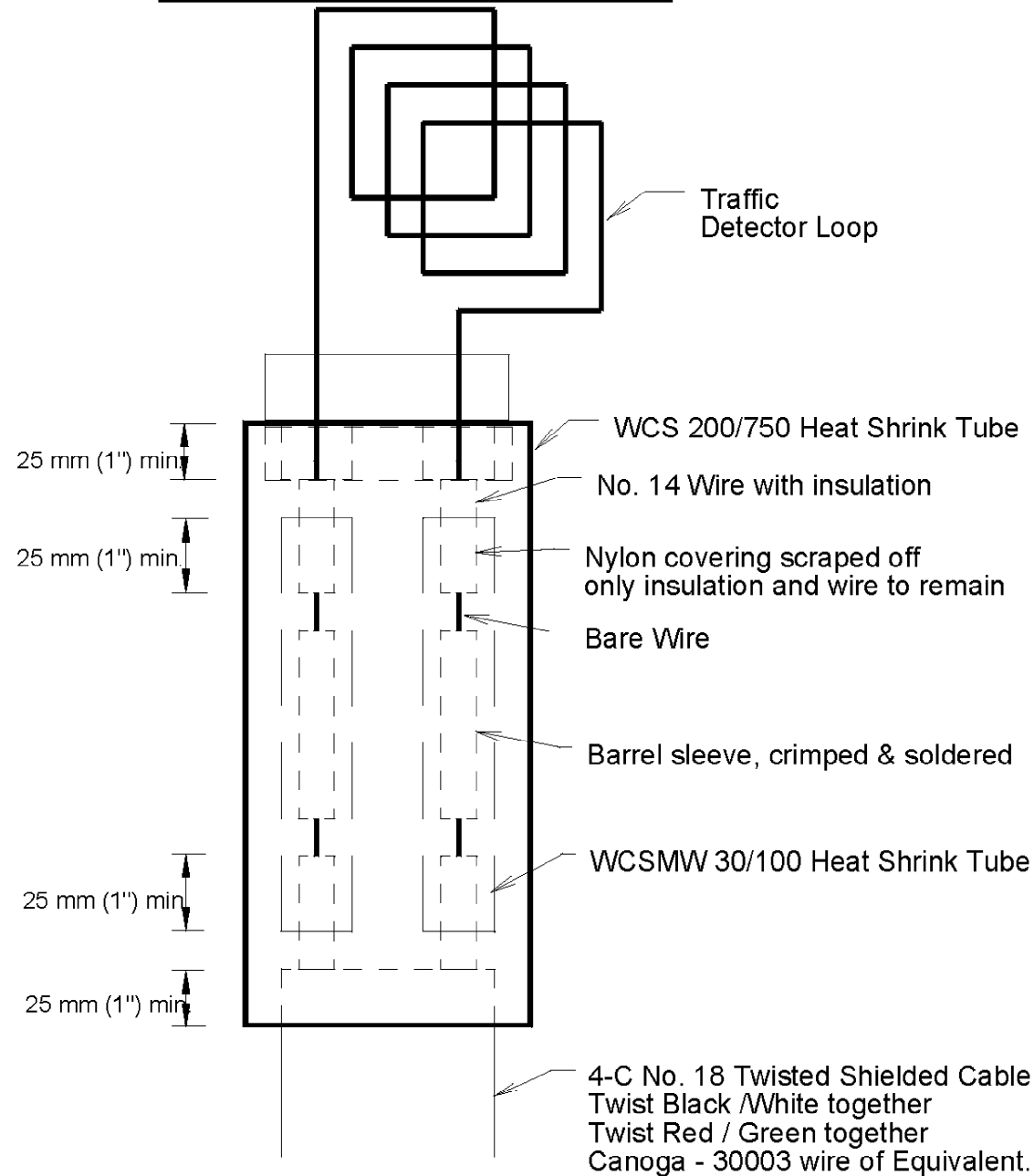
Layout for ATR 5150 I-55 S of Towanda Interchange



NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL FOR ATR SITE NO. 5150	F.A.I. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
C:\pwork\PIWIDOT\PIERSONBR\d0176145\05	0847-sht-details.dgn	DRAWN - BBP	REVISED -			55	*	MCLEAN	22	19	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			(57-3-1,57-3,57-3-2,57-2)RS-1		CONTRACT NO. 70847		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 2/4/2010	DATE - 01/28/10	REVISED -			SCALE: NONE	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.		

Loop Splicing Requirements

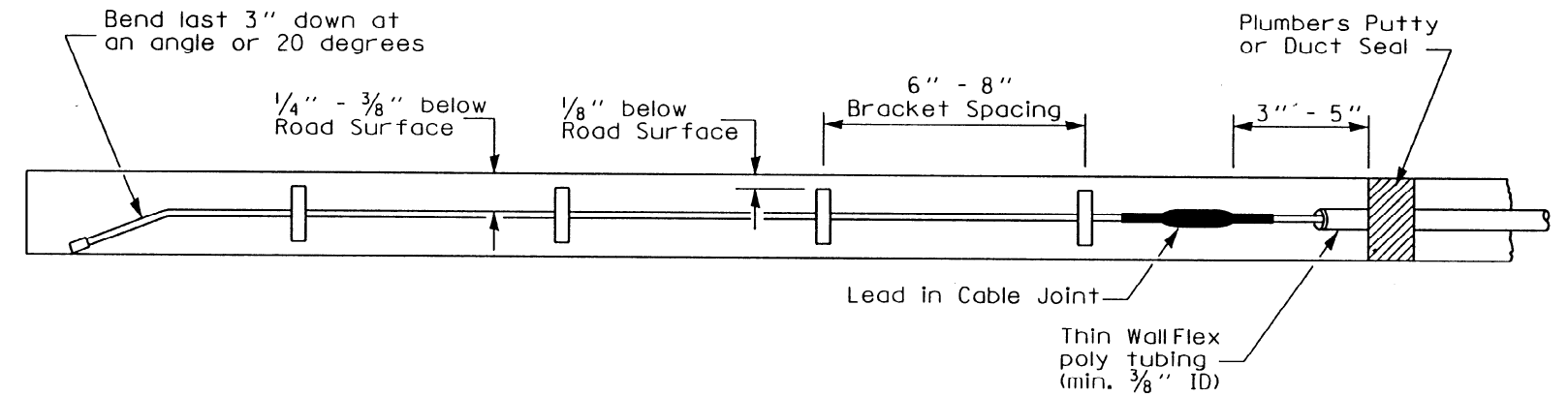


Minimum 25 mm (1") Heat Shrink Tube overlap on wire.
PVC & Shielded cable to form water tight seal.

Note: Not to Scale

REVISIONS		Illinois Department of Transportation Office of Planning and Programming			
Name	Date	Drawn By:	Checked By:	Date:	Scale:
		R. Taylor	R. Taylor	01/20/00	NONE

Piezo Detail



BILL OF MATERIALS			
CODE NO.	ITEM	UNIT	QUANTITY
81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	FOOT	120.0
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	90.0
81021570	CONDUIT, AUGERED 3" DIA., PVC	FOOT	92.0
81400200	HEAVY-DUTY HANDHOLE	EACH	4.0
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	210.0
86300300	CONTROLLER CABINET TYPE III	EACH	1.0
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.5
88600100	DETECTOR LOOP, TYPE I	FOOT	312.0
X0300780	PIEZO ELECTRIC SENSOR CABLE IN CONDUIT	FOOT	580.0
X0323014	ELECTRIC CABLE IN CONDUIT, CONOGA-30003	FOOT	920.0
X0323015	PIEZO ELECTRIC AXLE SENSOR, CLASS II	FOOT	44.0
X0326860	SOLAR EQUIPMENT	EACH	1.0

NOTES:

- 1) THE LOCATION OF THE PROPOSED ATR 5150 SITE IS STATION 198+00. THE CONTROLLER CABINET AND SOLAR EQUIPMENT SHALL BE PLACED ON THE EAST SIDE OF I-55 NEAR THE RIGHT OF WAY LINE. IF FIELD CONDITIONS WARRANT, THE LOCATION OF THE ATR SITE MAY NEED TO BE MODIFIED TO ACCOMMODATE THE CONTROL CABINET AND FOUNDATION. THE FINAL LOCATION SHALL BE DETERMINED BY THE ENGINEER AND SHALL REMAIN IN CLOSE PROXIMITY OF THE MEDIAN CROSS OVER.
- 2) THE PIEZO ELECTRIC AXLE SENSOR LEAD-IN TO THE PAVEMENT IS INCLUDED IN THE PAY ITEM FOR DETECTOR LOOP, TYPE I
- 3) THE EXISTING TERMINAL FACILITY SHALL BE REMOVED AFTER THE INSTALLATION OF THE PROPOSED ATR 5150 SITE. THE REMOVAL OF THE TERMINAL FACILITY WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE ASSOCIATED PAY ITEMS LISTED IN THE BILL OF MATERIALS. THE REMOVAL PROCEDURES SHALL FOLLOW THE GUIDELINES AS SPECIFIED IN SECTION 845 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.
- 4) UPON COMPLETION OF THE INSTALLATION OF THE ATR SITE AND THE REMOVAL OF THE EXISTING TERMINAL FACILITY, THE EARTH DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE RETURNED TO ITS ORIGINAL STATE. ANY EARTHWORK OR SEEDING REQUIRED WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE ASSOCIATED PAY ITEMS IN THE BILL OF MATERIALS.

NOT TO SCALE

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -
C:\pwork\PIWIDOT\PIERSONBR\d0176145\05	0847-sht-details.dgn	DRAWN - BBP	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/4/2010	DATE - 01/28/10	REVISED -

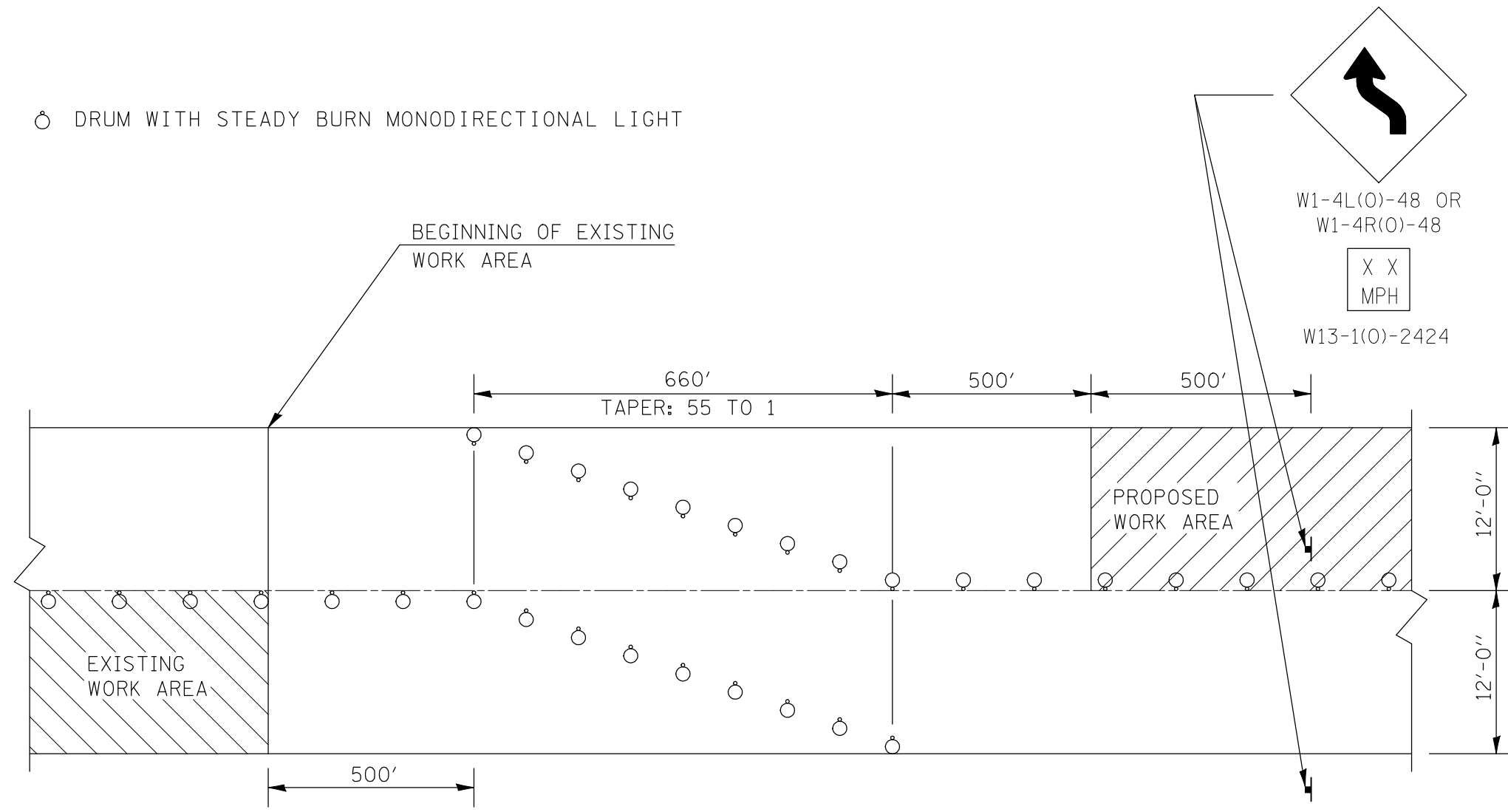
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL FOR ATR SITE NO. 5150

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MCLEAN	22	20
*(57-3-1,57-3,57-3-2,57-2)RS-1			CONTRACT NO. 70847	
ILLINOIS FED. AID PROJECT				

DETAIL FOR WORK ZONE SWITCHBACK

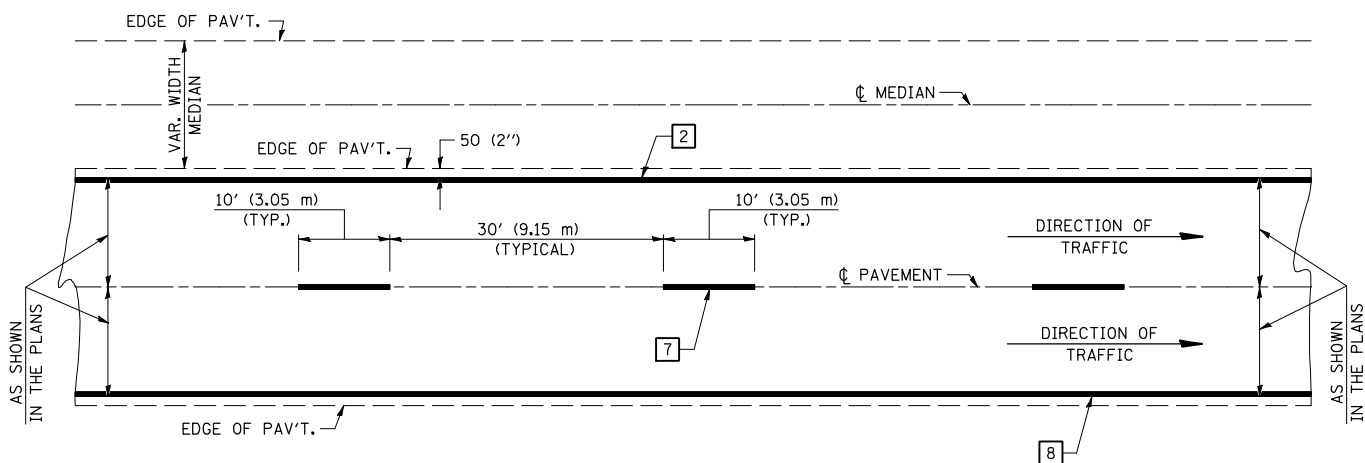


NOTES:

- 1) THIS DETAIL SHALL BE USED WHERE AT ANY TIME A WORK ZONE SWITCHBACK IS NECESSARY TO CHANNEL TRAFFIC INTO A TRAVEL LANE THAT IS NOT UNDER CONSTRUCTION IN AN ADJACENT SECTION.
- 2) THE SIGNS AND DRUMS SHOWN IN THE DETAIL ARE THE MINIMUM REQUIREMENTS FOR THE WORK ZONE SWITCHBACK. ADDITIONAL SIGNS AND MESSAGE BOARDS MAY BE REQUIRED IF DEEMED NECESSARY BY THE ENGINEER.
- 3) ALL CONFLICTING OR UN-NECESSARY SIGNS SHALL BE REMOVED OR COVERED.
- 4) ALL DRUMS SHALL CONFORM TO HIGHWAY STANDARD 701901.
- 5) THE WORK REQUIRED BY THIS DETAIL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS TRAFFIC CONTROL PAY ITEMS FOR THIS CONTRACT.

FILE NAME =	USER NAME = ppersonbr	DESIGNED - GAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL FOR WORK ZONE SWITCHBACK	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\pwork\work\PIWIDOT\PIERSONBR\d0176145\05	0847-sht-details.dgn	DRAWN - JDC	REVISED -			55	*	MCLEAN	22	21	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			(57-3-1,57-3,57-3-2,57-2)RS-1		CONTRACT NO. 70847			
	PLOT DATE = 2/4/2010	DATE - 01/30/10	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY

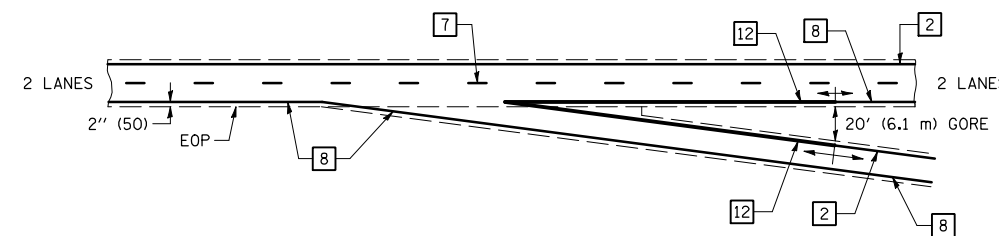


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

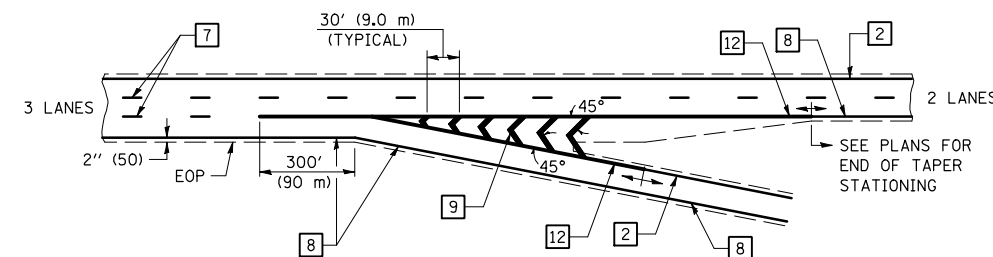
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

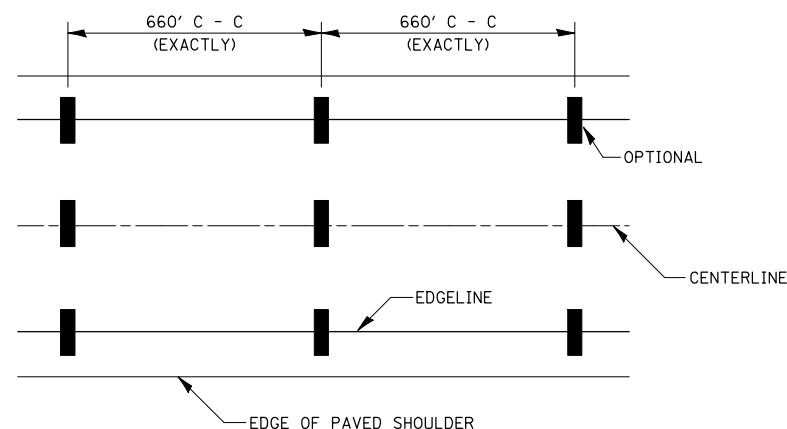
TYPICAL EXIT RAMP TERMINAL



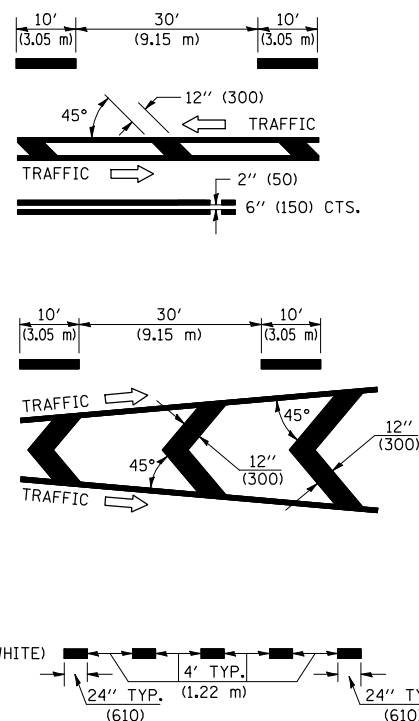
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



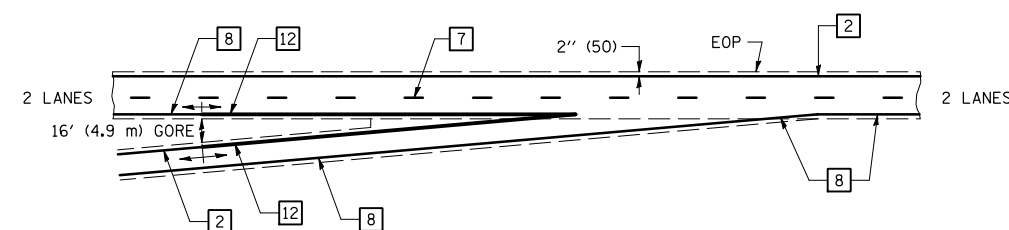
TYPICAL PAVEMENT MARKING LEGEND



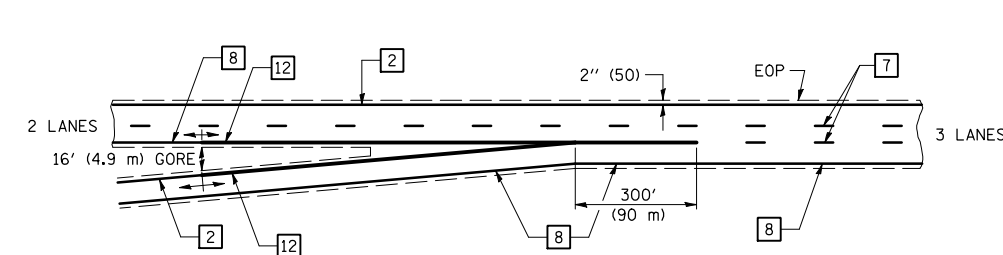
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)



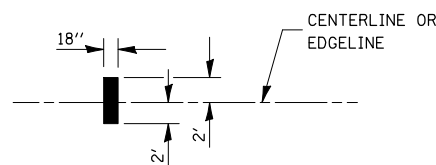
TYPICAL ENTRANCE RAMP TERMINAL



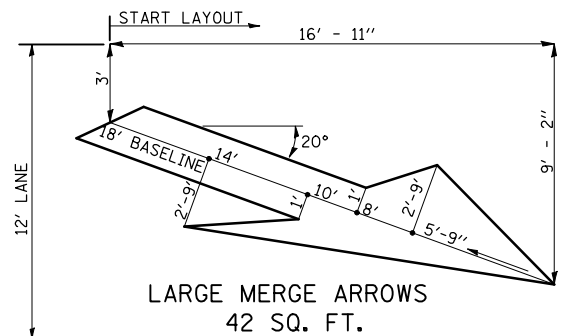
ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



AERIAL SPEED CHECK ZONES



LARGE MERGE ARROWS
42 SQ. FT.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 780BBBB

FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISED - 11/06
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	*	MCLEAN	22	22
* (57-3-1,57-3,57-3-2,57-2)RS-1		CONTRACT NO. 70847		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		