

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

F.A.I. ROUTE 55/F.A.I. ROUTE 74 (I-55/I-74)
SECTION HSIP FY2011-3
PROJECT HSIP-055-4(174)158
REPROFILING
MCLEAN COUNTY

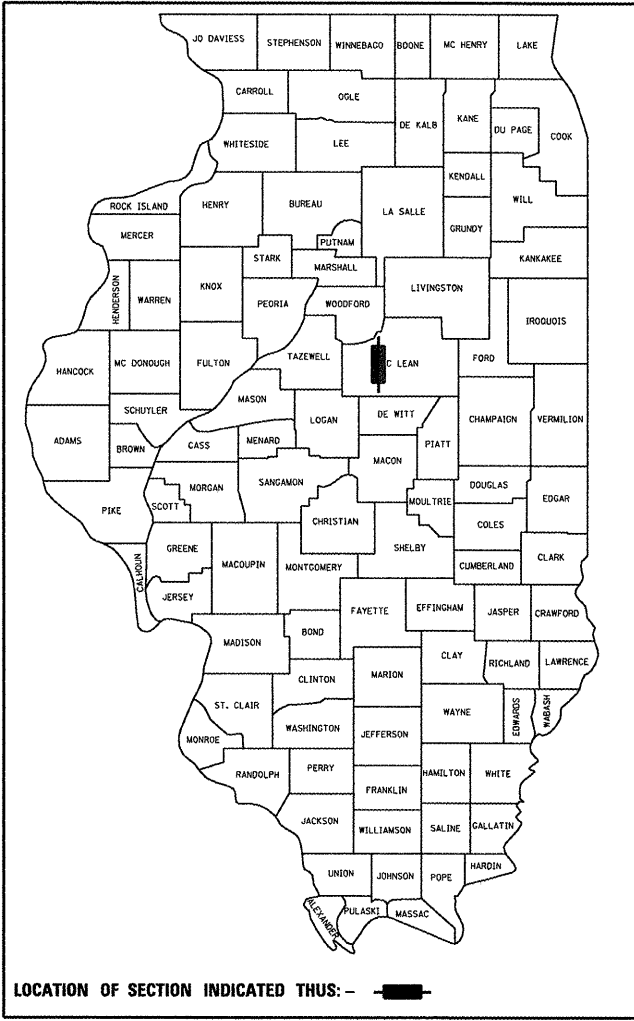
C-95-073-10

SUGAR CREEK TO WHITE OAK ROAD
IN BLOOMINGTON AND NORMAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	HSIP FY2011-3	MCLEAN	17	1
		ILLINOIS	CONTRACT NO. 70887	

• F.A.I. 55, F.A.I. 74, & U.S. 51

D-95-073-10



FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES SEE SHEET NO. 3

CURRENT TRAFFIC DATA

2011 ADT	39,300
P.U. %	65.8
S.U. %	3.7
M.U. %	30.5

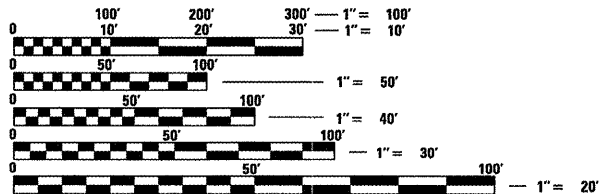
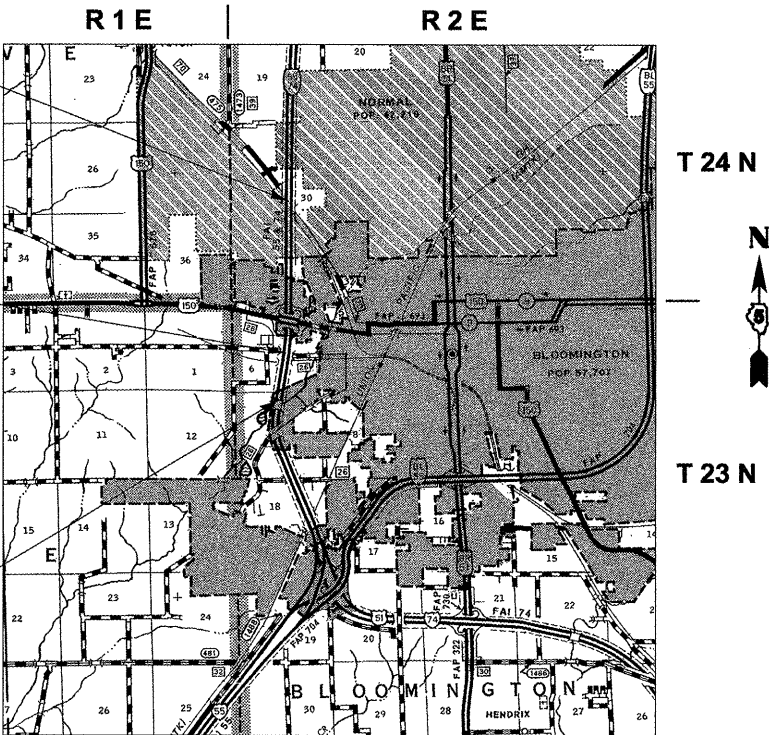
DESIGN DESIGNATION

NA

F.A.I. 55 SECTION BEGINS:
STA. 404+57.22

BRIDGE OMISSION
S.N. 057-0016 NB & S.N. 057-0017 SB
STA. 489+66.18 TO STA. 492+09.78

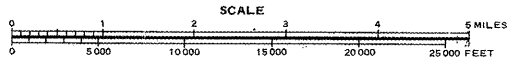
F.A.I. 74 SECTION ENDS:
STA. 519+67.95



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 (BLOOMINGTON TOWNSHIP)

PROJECT ENGINEER: NANCY FASIG
SQUAD LEADER: BRIAN J. HOGAN
DESIGNER: ANDREW J. BERGAN



GROSS LENGTH = 11,510.73 FT. = 2.180 MILE
NET LENGTH = 11,267.13 FT. = 2.134 MILE

CONTRACT NO. 70887

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 1/31 20 11
Jay M. C. [Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 25 20 11
Scott E. Stitt P.E.
 acting ENGINEER OF DESIGN AND ENVIRONMENT
March 25 20 11
Christine M. Reed [Signature]
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF HIGHWAY STANDARDS
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-9	EXISTING TYPICAL CROSS SECTIONS
10-15	PROPOSED TYPICAL CROSS SECTIONS
16	SCHEDULE OF QUANTITIES
17	TRAFFIC CONTROL FOR RAMPS DETAIL

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001 - 06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701400 - 05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406 - 06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411 - 07	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701446 - 02	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701901 - 01	TRAFFIC CONTROL DEVICES

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.-105.09A

ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

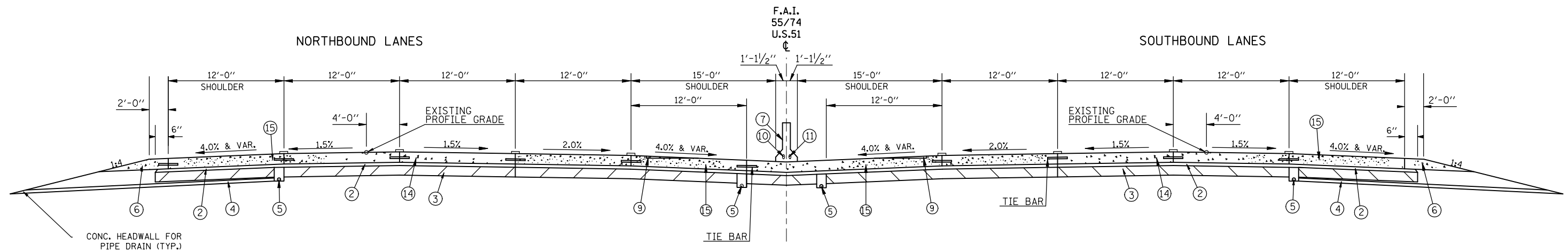
NO COMMITMENTS

* F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hogenbj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, & LIST OF HIGHWAY STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\hogenbj\d0249155\0570887-shr-gennote.CEL	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -	SCALE: _____	SHEET NO. ___ OF ___ SHEETS	*	HSIP FY2011-3	MCLEAN	17	2
PLOT DATE = 1/31/2011	DATE -	CHECKED -	REVISED -	STA. _____	TO STA. _____	ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 70887				

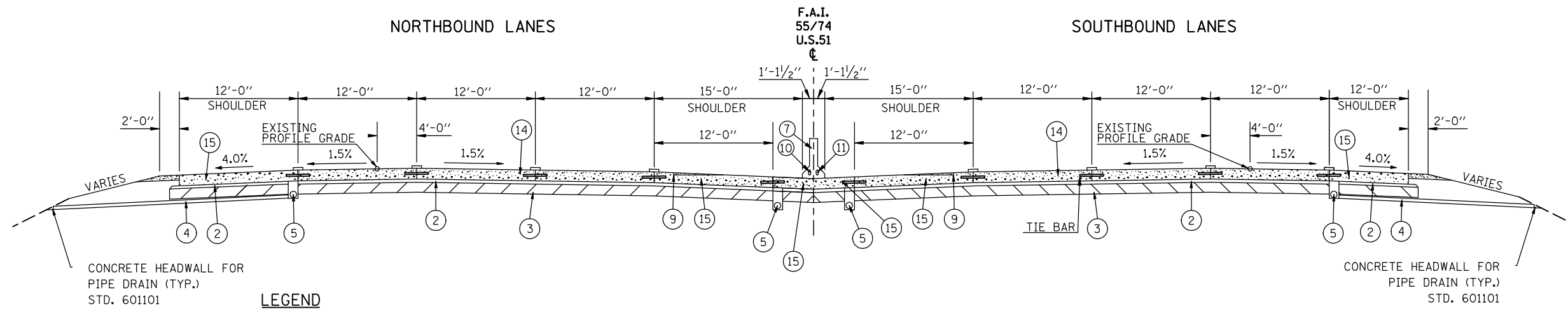
EXISTING TYPICAL CROSS SECTION ①

STATION 404+57.22 TO STATION 409+82.21



EXISTING TYPICAL CROSS SECTION ②

STATION 409+82.21 TO STATION 416+94.15



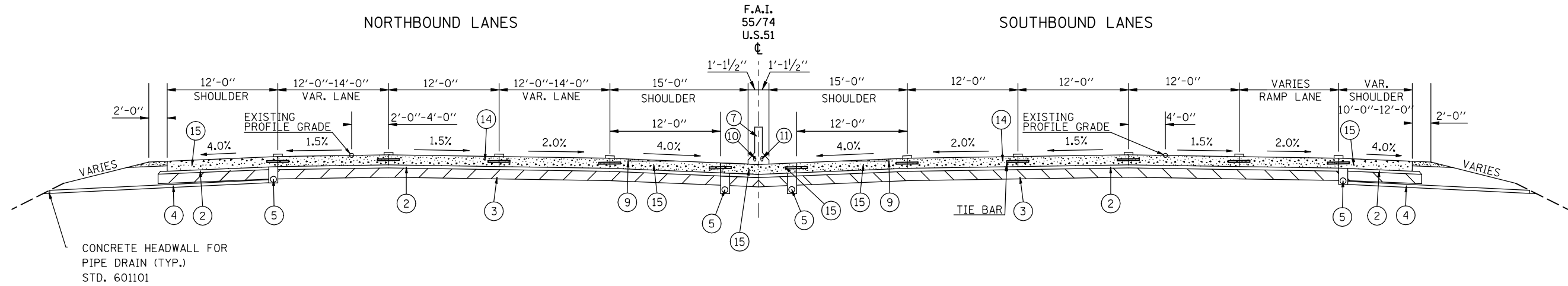
LEGEND

- | | | |
|--|--|--|
| ① EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 12 1/2" | ⑥ EXISTING AGGREGATE SHOULDER TYPE B, 6" | ⑫ EXISTING HMA SHOULDER, 8" |
| ② EXISTING STABILIZED SUB-BASE 4" | ⑦ EXISTING CONCRETE BARRIER | ⑬ CONCRETE SHOULDER CURB |
| ③ EXISTING PROCESSING LIME MODIFIED SOIL 12" | ⑧ EXISTING P.C.C. SHOULDER 12 1/2" | ⑭ EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 13 1/2" |
| ④ EXISTING PIPE UNDERDRAIN 4" (SPECIAL) | ⑨ EXISTING P.C.C. SHOULDER RUMBLE STRIP | ⑮ EXISTING P.C.C. SHOULDER 13 1/2" |
| ⑤ EXISTING PIPE UNDERDRAIN 4" | ⑩ 4" P.V.C. EMBEDDED IN STRUCTURE | |
| | ⑪ 2" P.V.C. CONDUIT FOR LIGHTING | |

• F.A.I. 55, F.A.I. 74, & U.S. 51

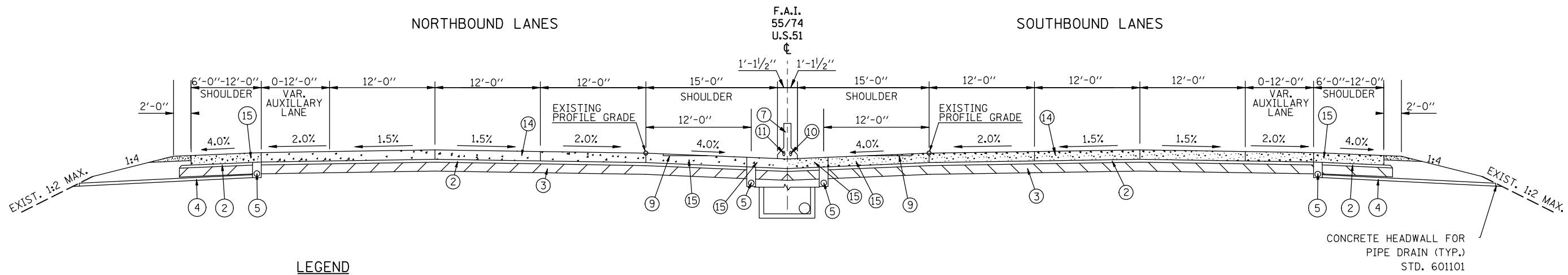
EXISTING TYPICAL CROSS SECTION ③

STATION 416+94.15 TO STATION 432+17.42



EXISTING TYPICAL CROSS SECTION ④

SB STATION 432+17.42 TO SB STATION 450+17.42
NB STATION 432+17.42 TO NB STATION 453+96.88



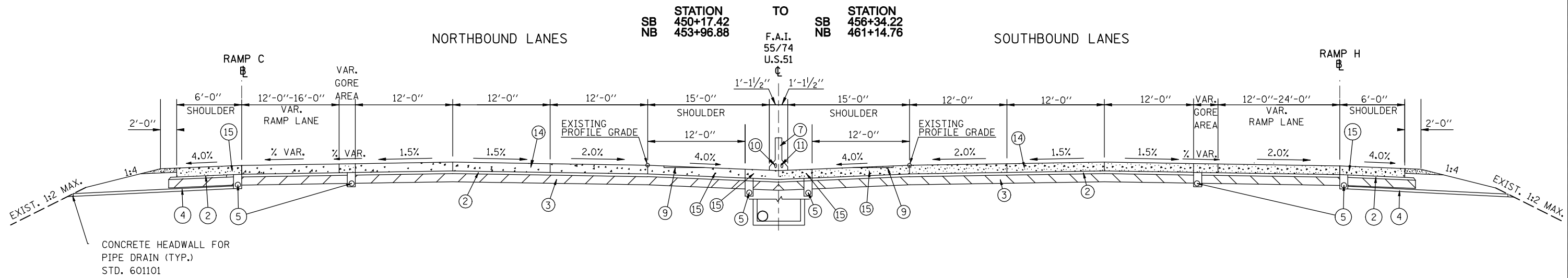
LEGEND

- | | | |
|--|--|--|
| ① EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 12 1/2" | ⑥ EXISTING AGGREGATE SHOULDER TYPE B, 6" | ⑫ EXISTING HMA SHOULDER, 8" |
| ② EXISTING STABILIZED SUB-BASE 4" | ⑦ EXISTING CONCRETE BARRIER | ⑬ CONCRETE SHOULDER CURB |
| ③ EXISTING PROCESSING LIME MODIFIED SOIL 12" | ⑧ EXISTING P.C.C. SHOULDER 12 1/2" | ⑭ EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 13 1/2" |
| ④ EXISTING PIPE UNDERDRAIN 4" (SPECIAL) | ⑨ EXISTING P.C.C. SHOULDER RUMBLE STRIP | ⑮ EXISTING P.C.C. SHOULDER 13 1/2" |
| ⑤ EXISTING PIPE UNDERDRAIN 4" | ⑩ 4" P.V.C. EMBEDDED IN STRUCTURE | |
| | ⑪ 2" P.V.C. CONDUIT FOR LIGHTING | |

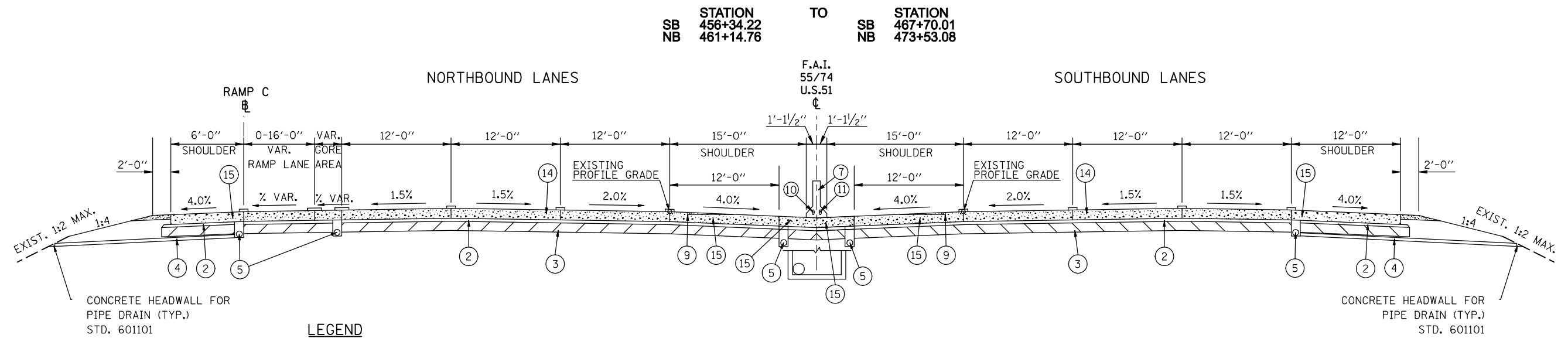
* F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS	F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\hoganbj\d0249155\0570887-sht-typ10a1.CEL		DRAWN -	REVISED -			4	HSIP FY2011-3	MCLEAN	17	5
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -							
PLOT DATE = 1/31/2011		DATE -	REVISED -							
SCALE: _____ SHEET NO. 2 OF 6 SHEETS STA. _____ TO STA. _____						CONTRACT NO. 70887				
ILLINOIS FED. AID PROJECT										

EXISTING TYPICAL CROSS SECTION ⑤



EXISTING TYPICAL CROSS SECTION ⑥



LEGEND

- | | | |
|--|--|--|
| ① EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 12 1/2" | ⑥ EXISTING AGGREGATE SHOULDER TYPE B, 6" | ⑫ EXISTING HMA SHOULDER, 8" |
| ② EXISTING STABILIZED SUB-BASE 4" | ⑦ EXISTING CONCRETE BARRIER | ⑬ CONCRETE SHOULDER CURB |
| ③ EXISTING PROCESSING LIME MODIFIED SOIL 12" | ⑧ EXISTING P.C.C. SHOULDER 12 1/2" | ⑭ EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 13 1/2" |
| ④ EXISTING PIPE UNDERDRAIN 4" (SPECIAL) | ⑨ EXISTING P.C.C. SHOULDER RUMBLE STRIP | ⑮ EXISTING P.C.C. SHOULDER 13 1/2" |
| ⑤ EXISTING PIPE UNDERDRAIN 4" | ⑩ 4" P.V.C. EMBEDDED IN STRUCTURE | |
| | ⑪ 2" P.V.C. CONDUIT FOR LIGHTING | |

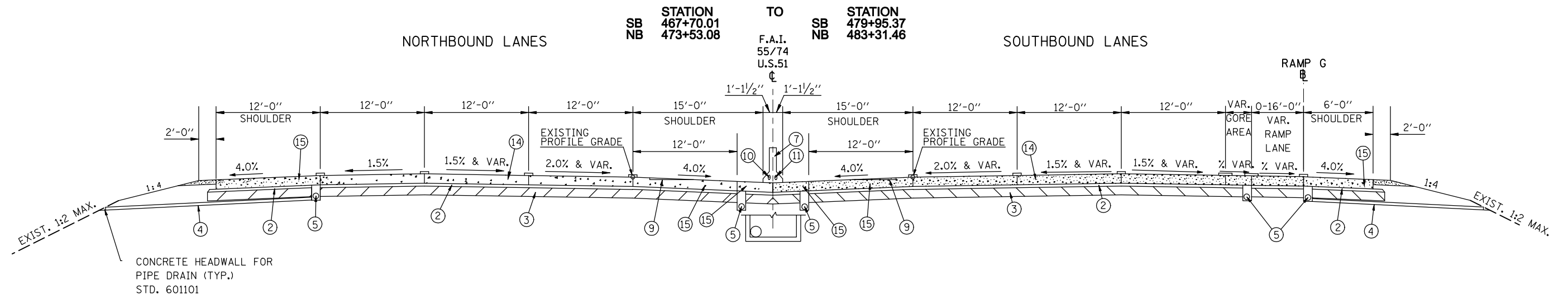
NOTES

- ① LONGITUDINAL CONSTRUCTION JOINT WITH GROUTED-IN-PLACE TIE BAR STD 420001 TYPICAL FOR ALL LONGITUDINAL CONSTRUCTION JOINTS.

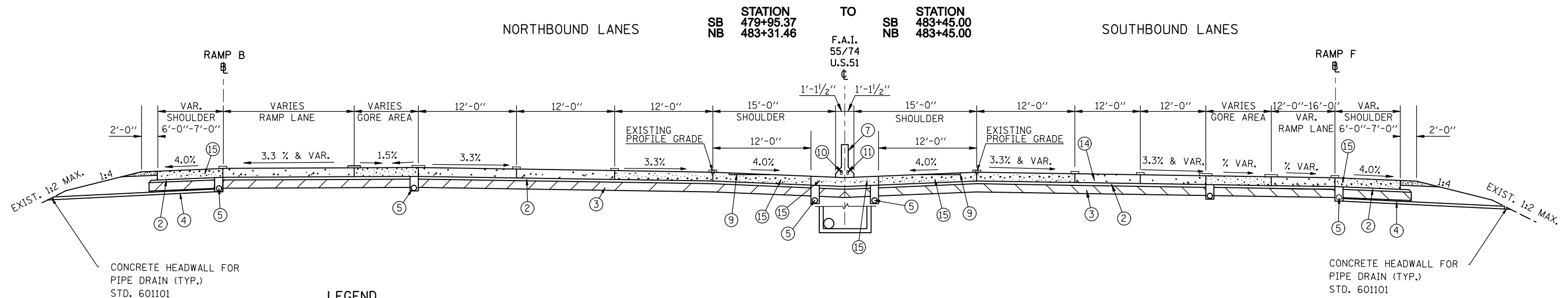
* F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hoganbj	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\hoganbj\d0249155\0570887-sht-typical.CEL		DRAWN - ---	REVISED - ---			55	HSIP FY2011-3	MCLEAN	17	6
PLOT SCALE = 100.0000' / IN.		CHECKED - ---	REVISED - ---							
PLOT DATE = 1/31/2011		DATE - ---	REVISED - ---							
						SCALE: -----	SHEET NO. 3 OF 6 SHEETS	STA. ----- TO STA. -----	CONTRACT NO. 70887	
ILLINOIS FED. AID PROJECT										

EXISTING TYPICAL CROSS SECTION 7



EXISTING TYPICAL CROSS SECTION 8



LEGEND

- | | | |
|--|--|--|
| ① EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 12 1/2" | ⑥ EXISTING AGGREGATE SHOULDER TYPE B, 6" | ⑫ EXISTING HMA SHOULDER, 8" |
| ② EXISTING STABILIZED SUB-BASE 4" | ⑦ EXISTING CONCRETE BARRIER | ⑬ CONCRETE SHOULDER CURB |
| ③ EXISTING PROCESSING LIME MODIFIED SOIL 12" | ⑧ EXISTING P.C.C. SHOULDER 12 1/2" | ⑭ EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 13 1/2" |
| ④ EXISTING PIPE UNDERDRAIN 4" (SPECIAL) | ⑨ EXISTING P.C.C. SHOULDER RUMBLE STRIP | ⑮ EXISTING P.C.C. SHOULDER 13 1/2" |
| ⑤ EXISTING PIPE UNDERDRAIN 4" | ⑩ 4" P.V.C. EMBEDDED IN STRUCTURE | |
| | ⑪ 2" P.V.C. CONDUIT FOR LIGHTING | |

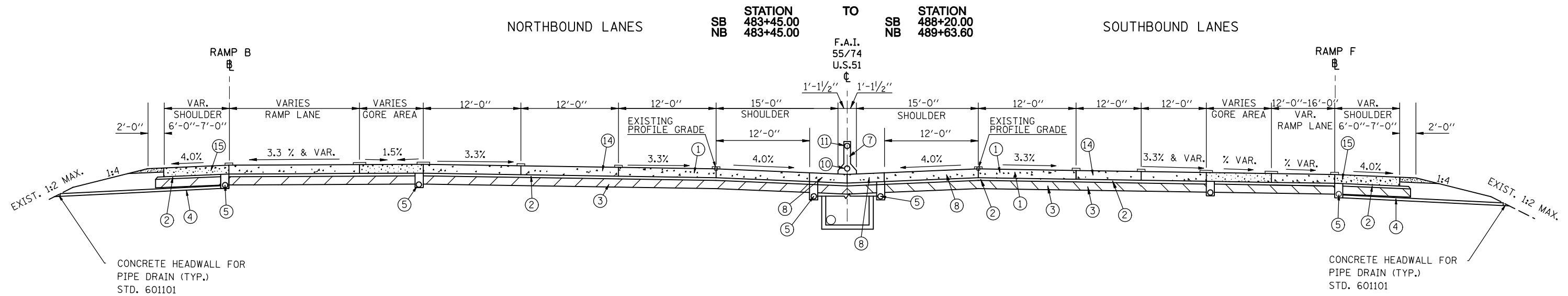
NOTES

- ① LONGITUDINAL CONSTRUCTION JOINT WITH GROUTED-IN-PLACE TIE BAR STD 420001 TYPICAL FOR ALL LONGITUDINAL CONSTRUCTION JOINTS.

* F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwwork\pwwork\hoganbj\d0249155\0570887-sht-typoe1.CEL		DRAWN -	REVISED -			•	HSIP FY2011-3	MCLEAN	17	7	
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -								
PLOT DATE = 1/31/2011		DATE -	REVISED -								
						SCALE: -----	SHEET NO. 4 OF 6 SHEETS	STA. ----- TO STA. -----	CONTRACT NO. 70887		
ILLINOIS FED. AID PROJECT											

EXISTING TYPICAL CROSS SECTION 9

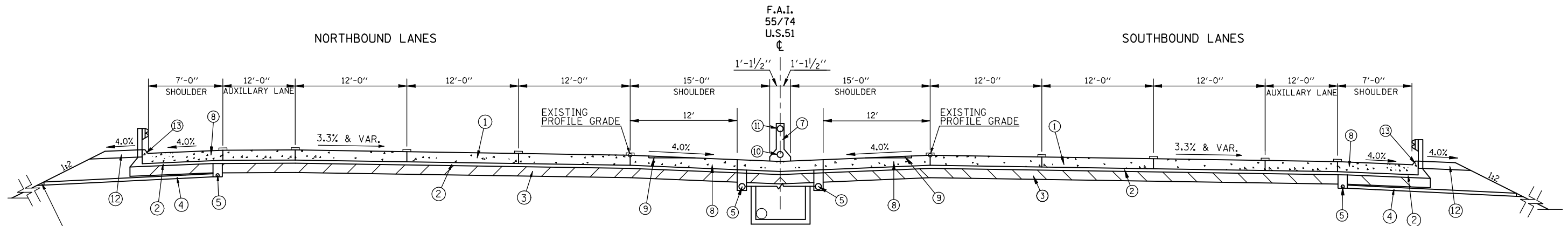


EXISTING TYPICAL CROSS SECTION 10

SB STATION 488+20.00 TO SB STATION 489+66.18
 NB 489+63.60 NB 489+66.18
 492+09.78 495+57.00

SUPERELEVATION TRANSITION FROM STA. 492+00.00 TO STA. 495+57.00

OMISSIONS FROM SECTION
 STATION TO STATION
 (SN 057-0017) SB 489+66.18 TO SB 492+09.78
 (SN 057-0016) NB 489+66.18 NB 492+09.78



LEGEND

- | | | |
|--|--|--|
| ① EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 12 1/2" | ⑥ EXISTING AGGREGATE SHOULDER TYPE B, 6" | ⑫ EXISTING HMA SHOULDER, 8" |
| ② EXISTING STABILIZED SUB-BASE 4" | ⑦ EXISTING CONCRETE BARRIER | ⑬ CONCRETE SHOULDER CURB |
| ③ EXISTING PROCESSING LIME MODIFIED SOIL 12" | ⑧ EXISTING P.C.C. SHOULDER 12 1/2" | ⑭ EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 13 1/2" |
| ④ EXISTING PIPE UNDERDRAIN 4" (SPECIAL) | ⑨ EXISTING P.C.C. SHOULDER RUMBLE STRIP | ⑮ EXISTING P.C.C. SHOULDER 13 1/2" |
| ⑤ EXISTING PIPE UNDERDRAIN 4" | ⑩ 4" P.V.C. EMBEDDED IN STRUCTURE | |
| | ⑪ 2" P.V.C. CONDUIT FOR LIGHTING | |

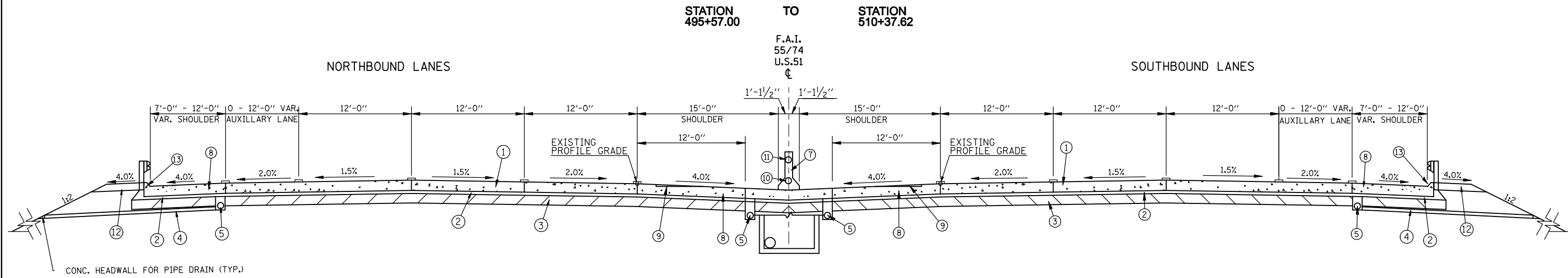
NOTES

- ① LONGITUDINAL CONSTRUCTION JOINT WITH GROUTED-IN-PLACE TIE BAR STD 420001 TYPICAL FOR ALL LONGITUDINAL CONSTRUCTION JOINTS.

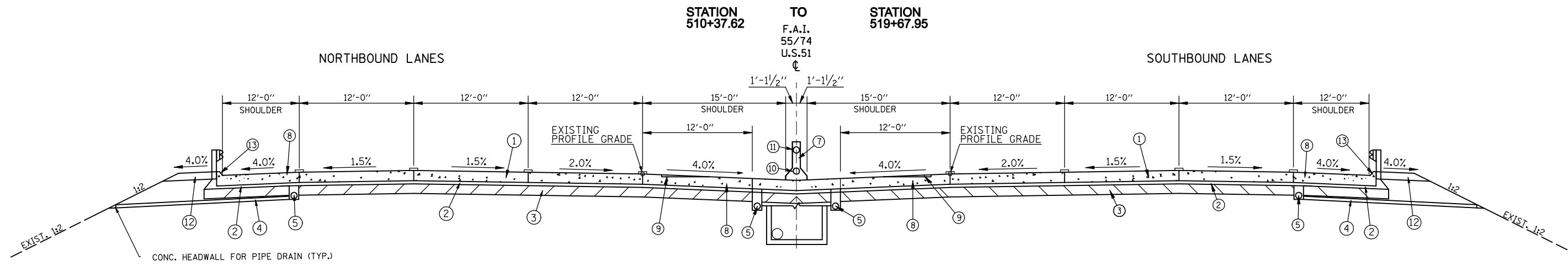
* F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hoganbj	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\pwork\hoganbj\d0249155\0570887-sht-typical.CEL	PLOT SCALE = 100.0000' / IN.	DRAWN - ---	REVISED - ---			•	HSIP FY2011-3	MCLEAN	17	8	
PLOT DATE = 2/1/2011	DATE - ---	CHECKED - ---	REVISED - ---			CONTRACT NO. 70887					
		DATE - ---	REVISED - ---			ILLINOIS FED. AID PROJECT					

EXISTING TYPICAL CROSS SECTION 11



EXISTING TYPICAL CROSS SECTION 12



LEGEND

- | | | |
|--|--|--|
| ① EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 12 1/2" | ⑥ EXISTING AGGREGATE SHOULDER TYPE B, 6" | ⑫ EXISTING HMA SHOULDER, 8" |
| ② EXISTING STABILIZED SUB-BASE 4" | ⑦ EXISTING CONCRETE BARRIER | ⑬ CONCRETE SHOULDER CURB |
| ③ EXISTING PROCESSING LIME MODIFIED SOIL 12" | ⑧ EXISTING P.C.C. SHOULDER 12 1/2" | ⑭ EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 13 1/2" |
| ④ EXISTING PIPE UNDERDRAIN 4" (SPECIAL) | ⑨ EXISTING P.C.C. SHOULDER RUMBLE STRIP | ⑮ EXISTING P.C.C. SHOULDER 13 1/2" |
| ⑤ EXISTING PIPE UNDERDRAIN 4" | ⑩ 4" P.V.C. EMBEDDED IN STRUCTURE | |
| | ⑪ 2" P.V.C. CONDUIT FOR LIGHTING | |

NOTES

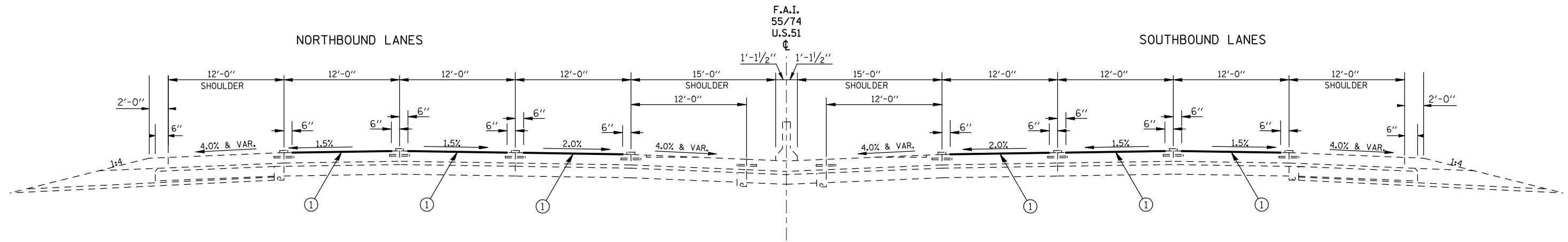
- ① LONGITUDINAL CONSTRUCTION JOINT WITH GROUTED-IN-PLACE TIE BAR STD 420001 TYPICAL FOR ALL LONGITUDINAL CONSTRUCTION JOINTS.

* F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hoganbj	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS			F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\hoganbj\d0249155\0570887-sht-typ10a1.CEL	PLOT SCALE = 100.0000' / IN.	DRAWN - ---	REVISED - ---		HSIP FY2011-3	MCLEAN	17	9				
PLOT DATE = 2/1/2011	DATE - ---	CHECKED - ---	REVISED - ---		CONTRACT NO. 70887			ILLINOIS FED. AID PROJECT				
		DATE - ---	REVISED - ---		SCALE: -----	SHEET NO. 6 OF 6 SHEETS	STA. ----- TO STA. -----					

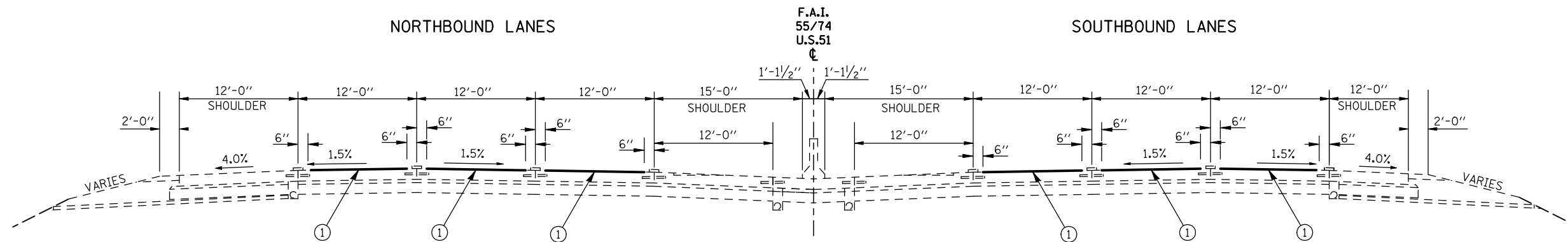
PROPOSED TYPICAL CROSS SECTION ①

STATION 404+57.22 TO STATION 409+82.21 ②



PROPOSED TYPICAL CROSS SECTION ②

STATION ① 409+82.21 TO STATION ③ 416+94.15 ③



LEGEND

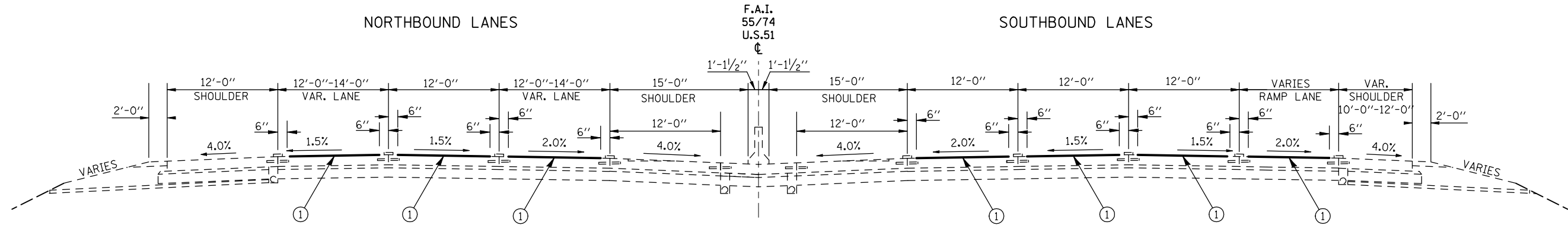
- | | | |
|--|--|--|
| ① EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 12 1/2" | ⑥ EXISTING AGGREGATE SHOULDER TYPE B, 6" | ⑫ EXISTING HMA SHOULDER, 8" |
| ② EXISTING STABILIZED SUB-BASE 4" | ⑦ EXISTING CONCRETE BARRIER | ⑬ CONCRETE SHOULDER CURB |
| ③ EXISTING PROCESSING LIME MODIFIED SOIL 12" | ⑧ EXISTING P.C.C. SHOULDER 12 1/2" | ⑭ EXISTING CONTINUOUSLY REINFORCED P.C.C. PAVEMENT 13 1/2" |
| ④ EXISTING PIPE UNDERDRAIN 4" (SPECIAL) | ⑨ EXISTING P.C.C. SHOULDER RUMBLE STRIP | ⑮ EXISTING P.C.C. SHOULDER 13 1/2" |
| ⑤ EXISTING PIPE UNDERDRAIN 4" | ⑩ 4" P.V.C. EMBEDDED IN STRUCTURE | |
| | ⑪ 2" P.V.C. CONDUIT FOR LIGHTING | |

* F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS			F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\pwork\hoganbj\d0249155\0570887-sht-typ10a1.CEL		DRAWN -	REVISED -						HSIP FY2011-3	MCLEAN	17	10	
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -			SCALE: _____	SHEET NO. 1 OF 6 SHEETS	STA. _____ TO STA. _____					CONTRACT NO. 70887
PLOT DATE = 2/1/2011		DATE -	REVISED -										ILLINOIS FED. AID PROJECT

PROPOSED TYPICAL CROSS SECTION ③

STATION ② 416+94.15 TO STATION ④ 432+17.42

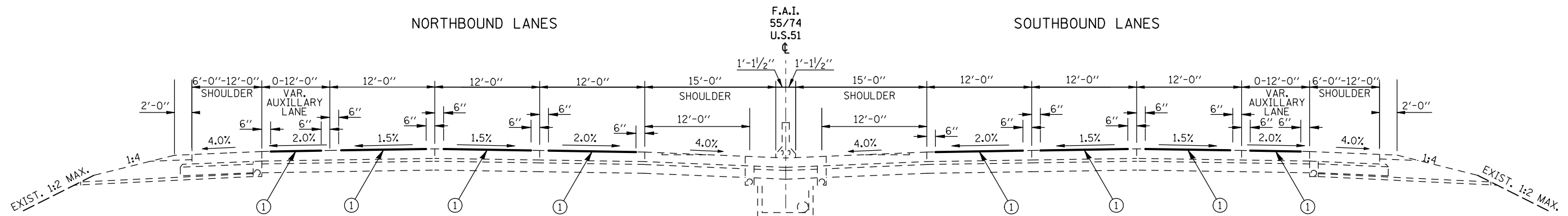


LEGEND

① PAVEMENT GROOVING, SQ YD

PROPOSED TYPICAL CROSS SECTION ④

STATION ③ SB 432+17.42 TO STATION ⑤ SB 450+17.42
 STATION ③ NB 432+17.42 TO STATION ⑤ NB 453+96.88



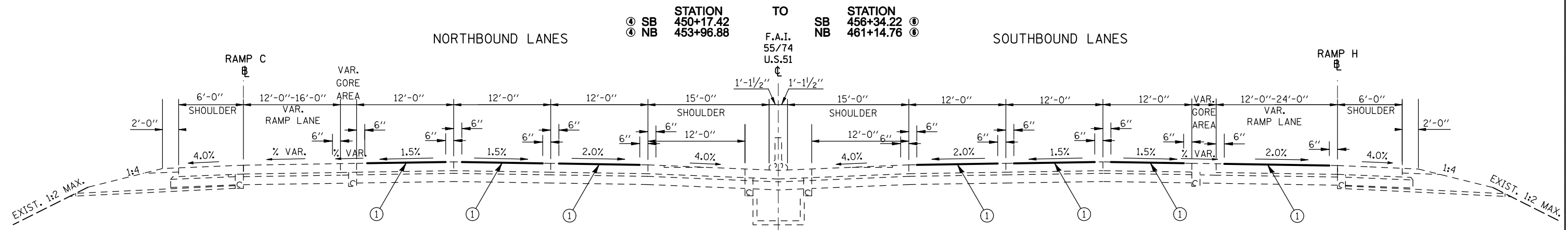
LEGEND

① PAVEMENT GROOVING, SQ YD

* F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS			F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\hoganbj\d0249155\0570887-sht-typ10a1.CEL	DRAWN -	REVISED -							HSIP FY2011-3	MCLEAN	17	11
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			SCALE: -----	SHEET NO. 2 OF 6 SHEETS	STA. ----- TO STA. -----	CONTRACT NO. 70887				
PLOT DATE = 1/31/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT							

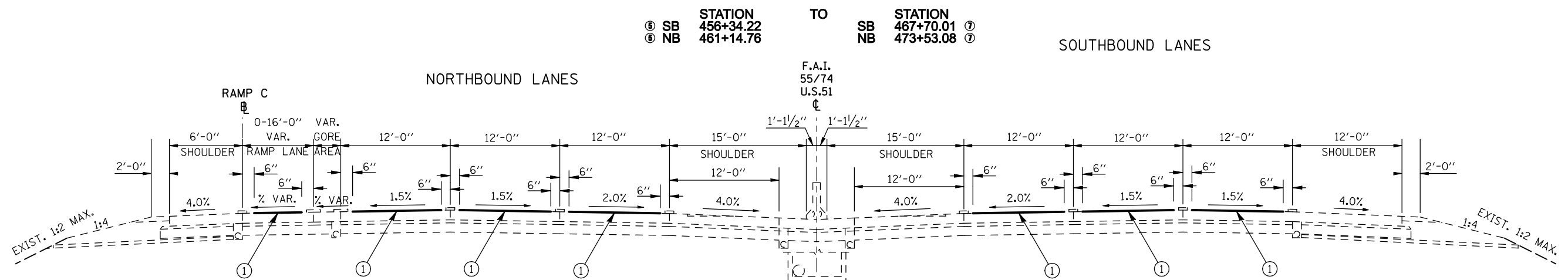
PROPOSED TYPICAL CROSS SECTION ⑤



LEGEND

① PAVEMENT GROOVING, SQ YD

PROPOSED TYPICAL CROSS SECTION ⑥



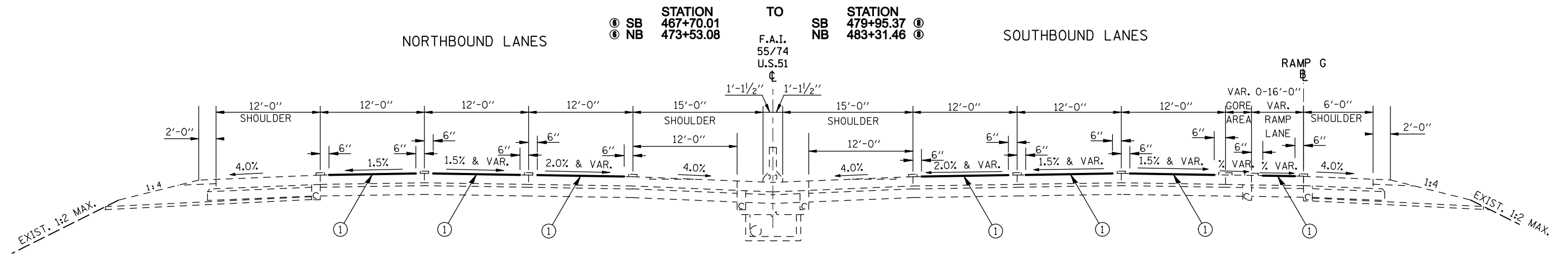
LEGEND

① PAVEMENT GROOVING, SQ YD

* F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\hoganbj\d0249155\0570887-sht-typical.CEL		DRAWN -	REVISED -			•	HSIP FY2011-3	MCLEAN	17	12
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -						CONTRACT NO. 70887	
PLOT DATE = 1/31/2011		DATE -	REVISED -			SCALE: _____	SHEET NO. 3 OF 6 SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT	

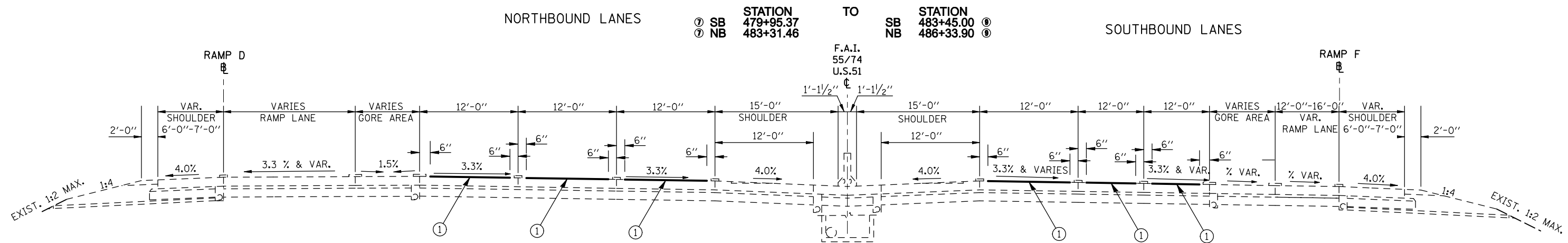
PROPOSED TYPICAL CROSS SECTION ⑦



LEGEND

① PAVEMENT GROOVING, SQ YD

PROPOSED TYPICAL CROSS SECTION ⑧



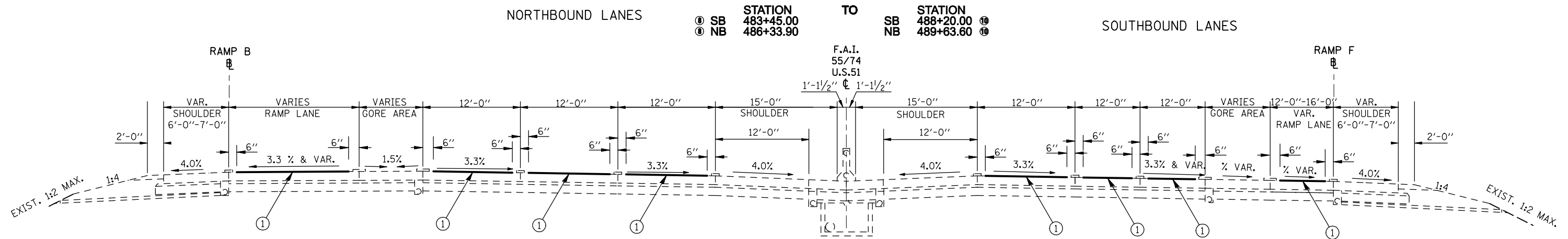
LEGEND

① PAVEMENT GROOVING, SQ YD

* F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS	F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\hoganbj\d0249155\0570887-sht-typ10a1.CEL		DRAWN -	REVISED -			•	HSIP FY2011-3	MCLEAN	17	13
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -						CONTRACT NO. 70887	
PLOT DATE = 1/31/2011		DATE -	REVISED -		SCALE: -----	SHEET NO. 4 OF 6 SHEETS		STA. ----- TO STA. -----		ILLINOIS FED. AID PROJECT

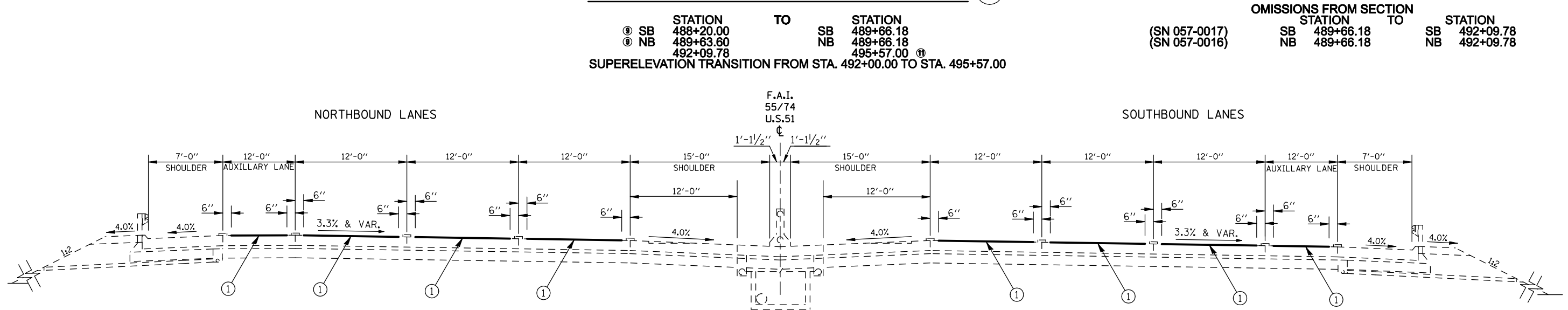
PROPOSED TYPICAL CROSS SECTION 9



LEGEND

① PAVEMENT GROOVING, SQ YD

PROPOSED TYPICAL CROSS SECTION 10



OMISSIONS FROM SECTION
 STATION TO STATION
 (SN 057-0017) SB 489+66.18 SB 492+09.78
 (SN 057-0016) NB 489+66.18 NB 492+09.78

SUPERELEVATION TRANSITION FROM STA. 492+00.00 TO STA. 495+57.00

LEGEND

① PAVEMENT GROOVING, SQ YD

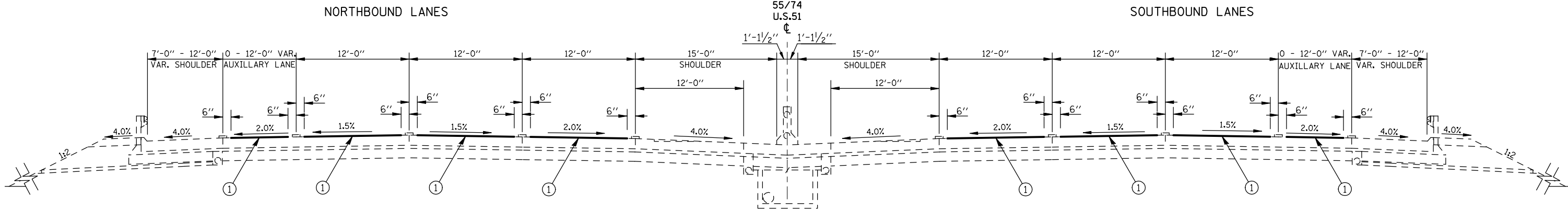
FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\pw\dot\hoganbj\d0249155\0570887-sht-typ10a1.CEL		DRAWN -	REVISED -		SCALE: _____	SHEET NO. 5 OF 6 SHEETS	STA. _____ TO STA. _____	•	HSIP FY2011-3	MCLEAN	17	14
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -					CONTRACT NO. 70887				
	PLOT DATE = 2/1/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

* F.A.I. 55, F.A.I. 74, & U.S. 51

PROPOSED TYPICAL CROSS SECTION ⑪

STATION ⑪ 495+57.00 TO STATION ⑫ 510+37.62

F.A.I.
55/74
U.S.51



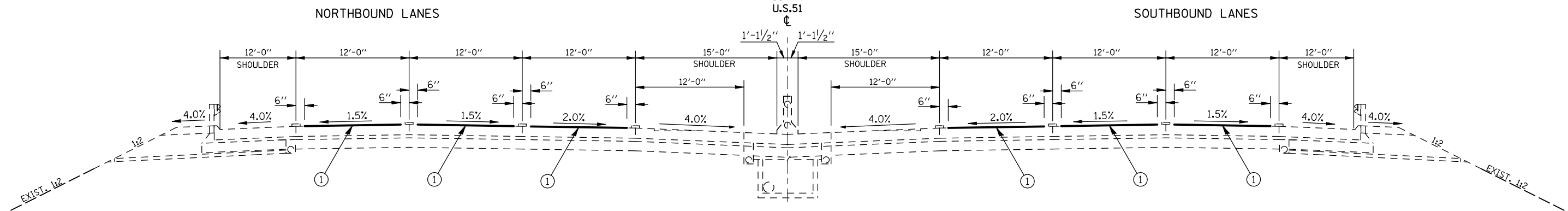
LEGEND

① PAVEMENT GROOVING, SQ YD

PROPOSED TYPICAL CROSS SECTION ⑫

STATION ⑪ 510+37.62 TO STATION ⑬ 519+67.95

F.A.I.
55/74
U.S.51



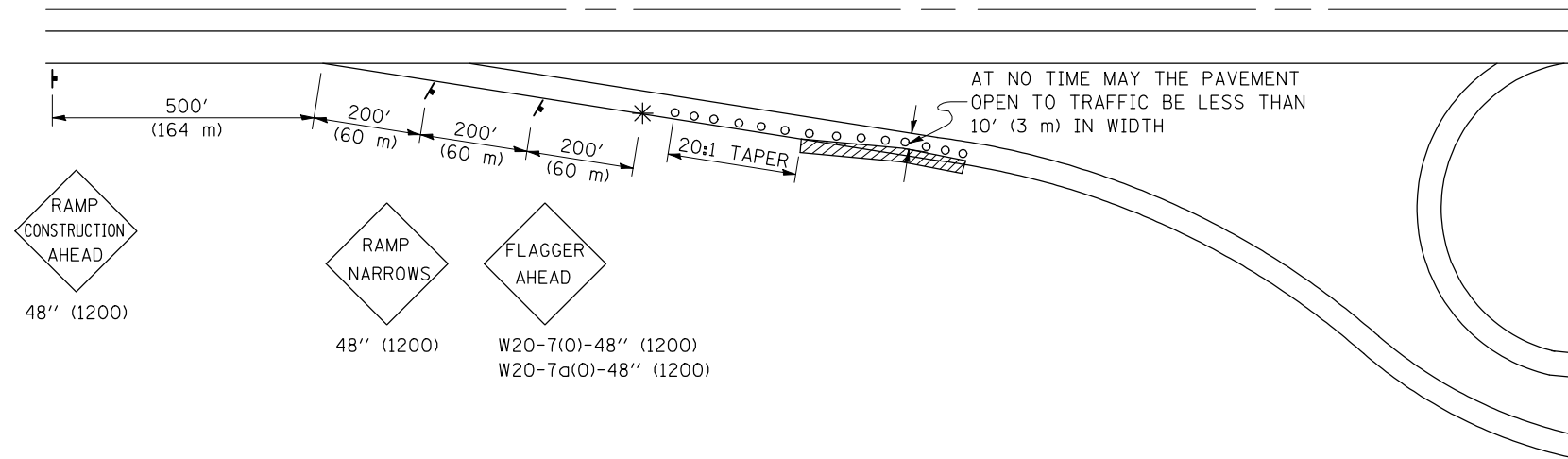
LEGEND

① PAVEMENT GROOVING, SQ YD

• F.A.I. 55, F.A.I. 74, & U.S. 51

FILE NAME =	USER NAME = hoganbj	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS			F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\p\dot\hoganbj\d0249155\0570887-sht-typ10a1.CEL		DRAWN - ---	REVISED - ---						HSIP FY2011-3	MCLEAN	17	15	
PLOT SCALE = 100.0000' / IN.		CHECKED - ---	REVISED - ---			SCALE: -----	SHEET NO. 6 OF 6 SHEETS	STA. ----- TO STA. -----					CONTRACT NO. 70887
PLOT DATE = 2/1/2011		DATE - -----	REVISED - -----			ILLINOIS FED. AID PROJECT							

**APPLICATION NO. 1
DAY OPERATION ONLY
PARTIAL RAMP CLOSURE**



SYMBOLS

- (APPLICATION NO. 1) TYPE I OR II BARRICADES OR DRUMS @ 50' (15 m) CTS.
- ⊗ (APPLICATION NO. 2) TYPE I OR II BARRICADES OR DRUMS @ 25' (7.5 m) CTS. W/STEADY BURNING LIGHTS
- * (APPLICATION NO. 1) FLAGGER PLACED AS DIRECTED BY THE ENGINEER
- † SIGN ON PORTABLE OR PERMANENT SUPPORT
- ▨ WORK AREA

TYPICAL APPLICATIONS

- PAVEMENT PATCHING
- PIPE UNDERDRAINS
- HMA RESURFACING

GENERAL NOTES

CONSTRUCTION OPERATIONS SHALL BE CONFINED TO AN AREA NARROW ENOUGH THAT A MINIMUM OF 10' (3 m) OF PAVEMENT SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

FULL WIDTH PAVEMENT ON THE RAMPS SHALL BE OPEN TO TRAFFIC AT NIGHT.

WHEN NO WORK IS BEING PERFORMED, THE FLAGGER WILL NOT BE REQUIRED. IF THE FLAGGER IS NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.

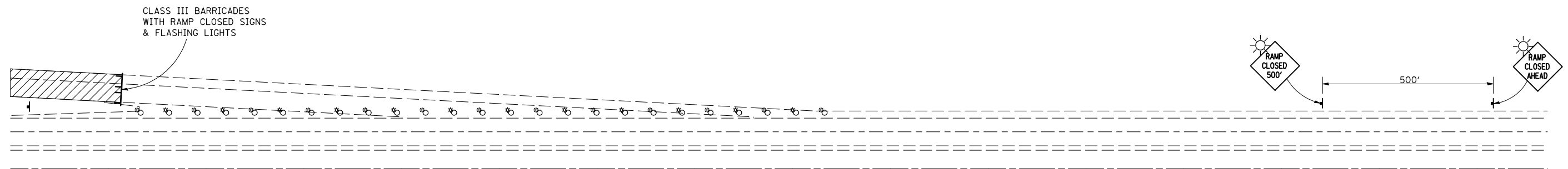
ALL SIGNS SHALL BE POST MOUNTED IF WORK IN THE AREA EXCEEDS FOUR DAYS OF DAYTIME OPERATIONS.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

ALL VEHICLES, EQUIPMENT, WORKERS (EXCEPT FLAGGER) AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE DISTRICT ENGINEER.

Traffic Control for all ramps shall be in accordance with the appropriate application of plan detail TRAFFIC CONTROL FOR RAMPS and will not be paid for separately, but shall be included in the contract lump sum prices for Traffic Control and Protection, Standard 701401 and Traffic Control and Protection, Standard 701406.

**APPLICATION NO. 2
RAMP CLOSURE**



GENERAL NOTES

STEADY BURN LIGHTS ARE NOT REQUIRED FOR DAYTIME OPERATIONS.

CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER AT 217-465-4181, ONE WEEK PRIOR TO CLOSING THE RAMP.

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

* F.A.I. 55, F.A.I. 74, & U.S. 51

DISTRICT 5 DETAIL NO. 70103710

FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL FOR RAMPS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\hoganbj\d0249155\0570887-sht-details.CEL	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -					* HSIP FY2011-3	MCLEAN	17	17	
	PLOT DATE = 1/31/2011	CHECKED -	REVISED -		CONTRACT NO. 70887			FED. ROAD DIST. NO. -	ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -		SCALE: -----	SHEET NO. -- OF --- SHEETS	STA. ----- TO STA. -----					