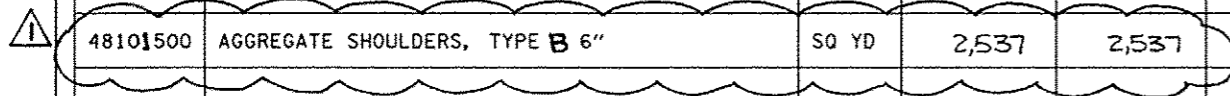


# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0004 US 50 80% Fed 20% State		
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	2063	2063		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	16	16		
44000100	PAVEMENT REMOVAL	SQ YD	4131	4131		
44000600	SIDEWALK REMOVAL	SQ FT	18	18		
44004250	PAVED SHOULDER REMOVAL	SQ YD	920	920		
44200124	PAVEMENT PATCHING, TYPE III, 10 INCH	SQ YD	27	27		
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	48	48		
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ YD	307	307		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2509	2509		
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	2,537	2,537		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1615	1615		
50105220	PIPE CULVERT REMOVAL	FOOT	294	294		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0004 US 50 80% Fed 20% State		
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	1		
54010303	PRECAST CONCRETE BOX CULVERTS 3' X 3'	FOOT	16	16		
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4	4		
54214725	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 30"	EACH	2	2		
5421C015	PIPE CULVERTS, CLASS C, TYPE 1 15" (TEMPORARY)	FOOT	88	88		
54248510	CONCRETE COLLAR	CU YD	0.4	0.4		
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	148	148		
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	180	180		
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	52	52		
60207205	CATCH BASINS, TYPE C, TYPE 4 FRAME AND GRATE	EACH	1	1		
60500040	REMOVING MANHOLES	EACH	1	1		



FILE NAME :	USER NAME = bergnd	DESIGNED -	REVISED <b>9-12-12</b>
cr:\pwwork\pwwork\bergn\d0160087\d076053-shd-pln.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000 / 1"		CHECKED -	REVISED -
PLOT DATE = 6/15/2012		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

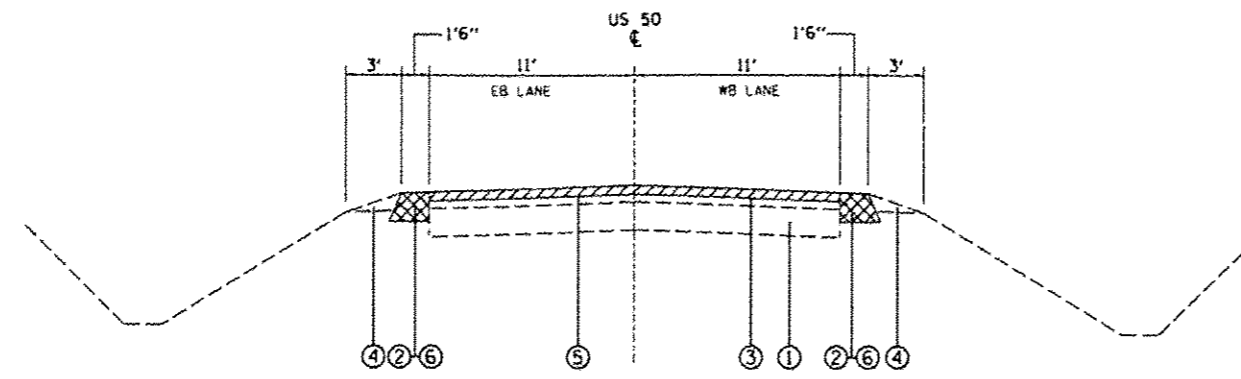
SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	21-1-1, 27-1	CLINTON	96	4
CONTRACT NO. 76D53				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**LEGEND**

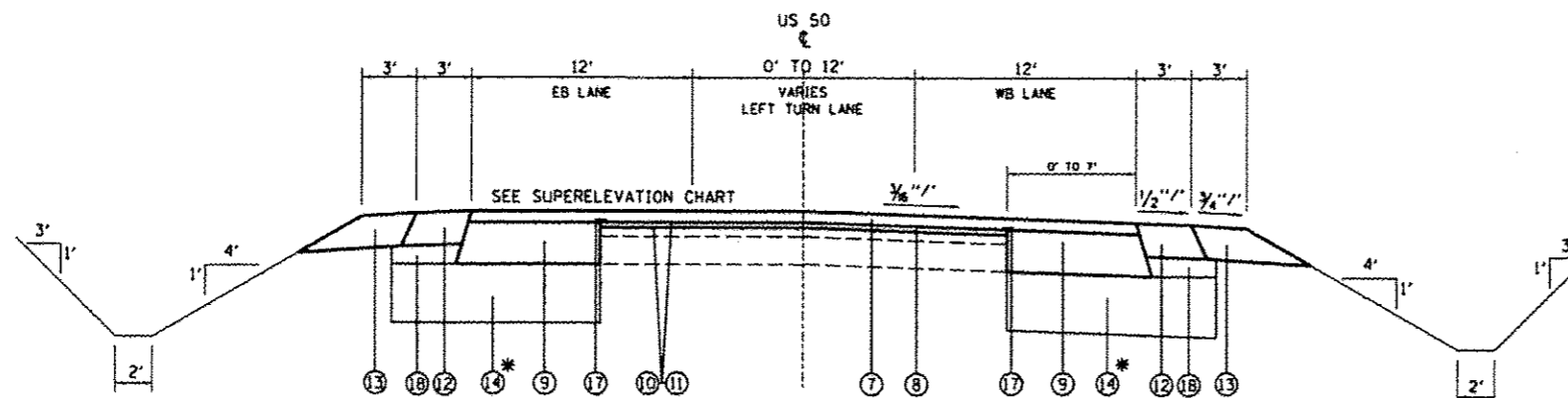
- ① EXISTING PAVEMENT
- ② EXISTING HMA SHOULDER
- ③ EXISTING HMA OVERLAY (THICKNESS VARIES)
- ④ EXISTING AGGREGATE WEDGE
- ⑤ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑥ PROPOSED PAVED SHOULDER REMOVAL
- ⑦ PROPOSED HMA SURFACE COURSE, 2.5"
- ⑧ PROPOSED HMA BINDER COURSE, 2"
- ⑨ PROPOSED HMA BINDER COURSE, 8.5"
- ⑩ PROPOSED BIT. MATERIALS (PC)
- ⑪ PROPOSED AGGREGATE MATERIALS (PC)
- ⑫ PROPOSED HMA SHOULDERS, 8"
- ⑬ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"
- ⑭ PROPOSED MODIFIED SOIL
- ⑮ PROPOSED HMA SURFACE REMOVAL, 1.5"
- ⑯ PROPOSED HMA SURFACE COURSE, 1.5"
- ⑰ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑱ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE A, 8"

NOTE: STATIONING ON US 50 RUNS FROM EAST TO WEST RATHER THAN THE GENERAL PRACTICE OF WEST TO EAST



EXISTING US 50

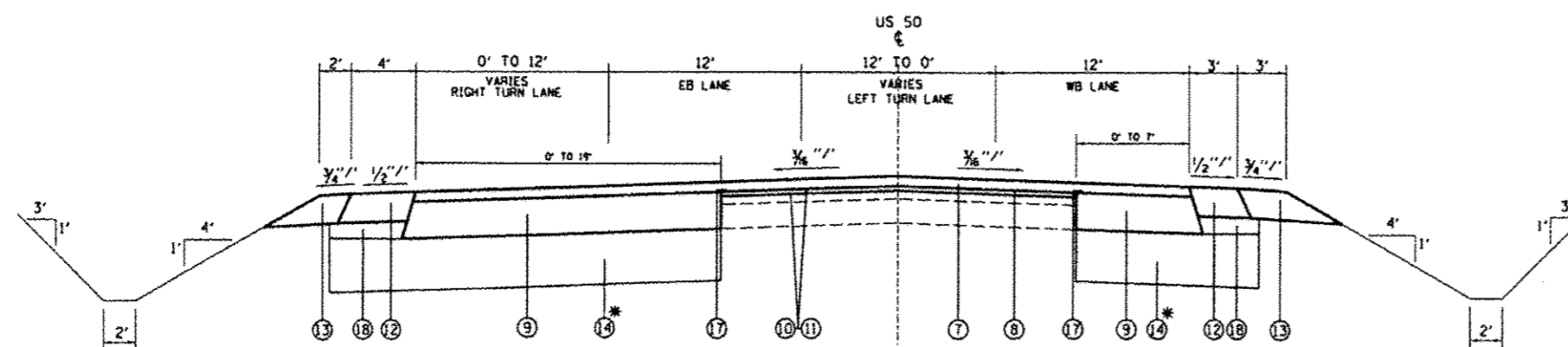
STA. 698+57.54 TO STA. 711+12.13



PROPOSED US 50

STA. 698+57.54 TO STA. 705+00.00

• 12"

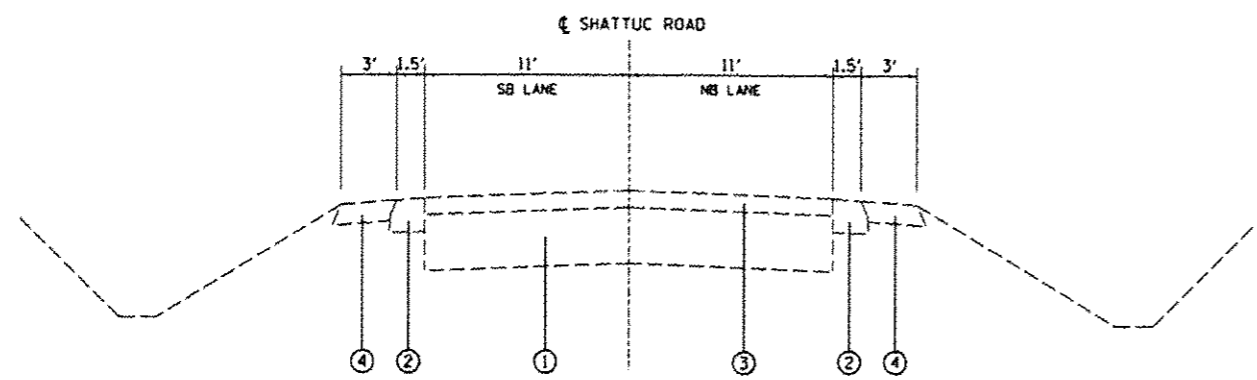


PROPOSED US 50

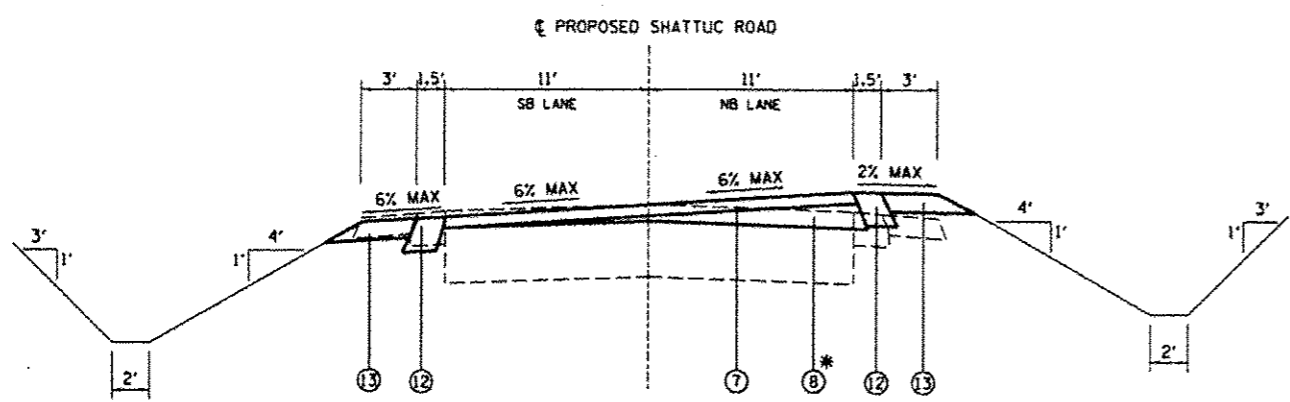
STA. 705+00.00 TO STA. 711+12.13

• 12"

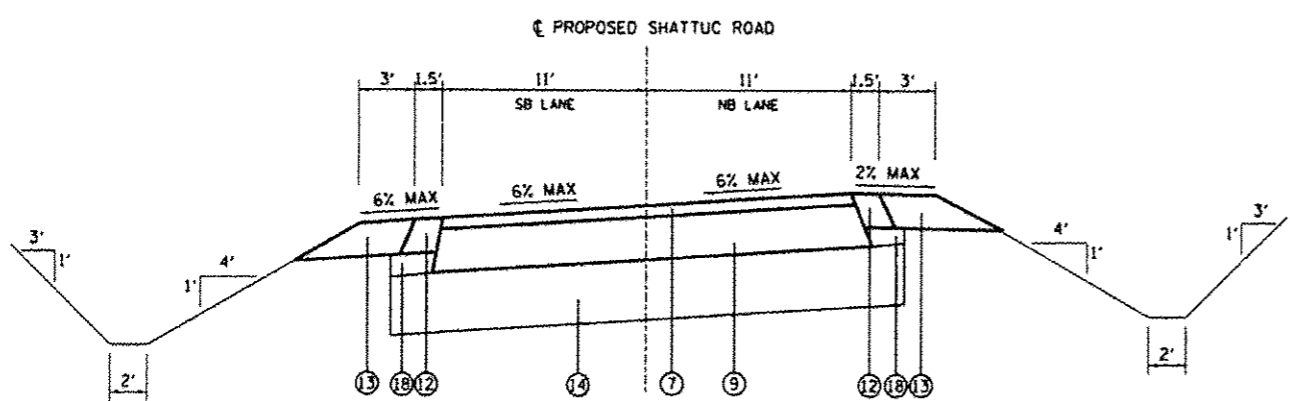
FILE NAME *	USER NAME * conoverp.j	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b>	<b>TYPICAL SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pdat\conoverp\108160007\108	6d93-whl-plandgn	DRAWN -	REVISED -	<b>DEPARTMENT OF TRANSPORTATION</b>		327	21-1-127-1	CLINTON	96	7
	PLOT SCALE * 1/8" = 1' / in.	CHECKED -	REVISED -		SCALE:	SHEET NO. 1 OF 3 SHEETS		STA.	TO STA.	
	PLOT DATE * 9/12/2012	DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	
								<b>CONTRACT NO. 76053</b>		



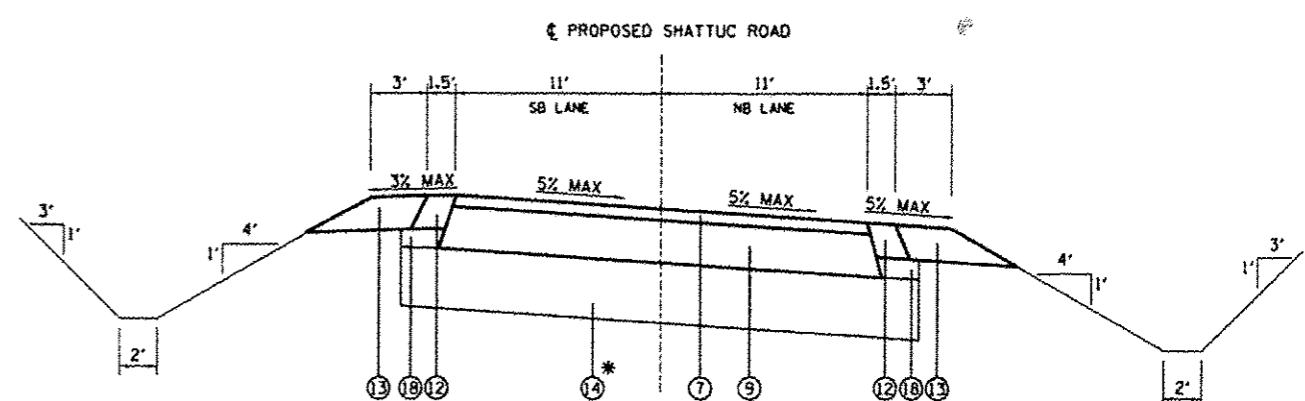
EXISTING SHATTUC ROAD  
STA. 83+29.43 TO STA. 100+00.00



PROPOSED SHATTUC ROAD  
STA. 81+50 TO STA. 83+50  
• VARIES



PROPOSED SHATTUC ROAD  
STA. 83+50 TO STA. 93+20 (ON NEW ALIGNMENT)  
• STA. 88+50 - 92+00 = 20"  
• STA. 92+00 - 93+12 = 12"



PROPOSED SHATTUC ROAD  
STA. 93+20 TO STA. 100+28.93 (ON NEW ALIGNMENT)  
• STA. 93+20 - 95+00 = 12"  
• STA. 95+00 - 98+00 = 20"  
• STA. 98+00 - 100+28.93 = 12"

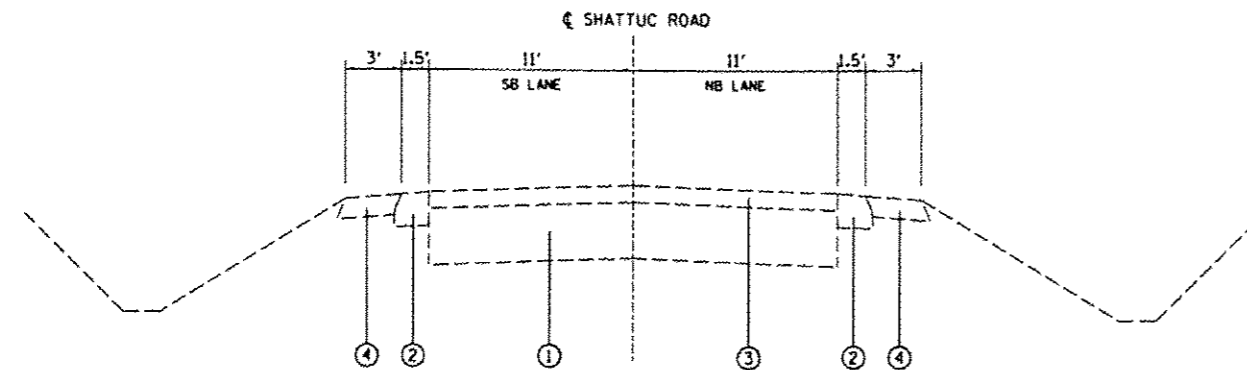
- LEGEND**
- ① EXISTING PAVEMENT
  - ② EXISTING HMA SHOULDER
  - ③ EXISTING HMA OVERLAY (THICKNESS VARIES)
  - ④ EXISTING AGGREGATE WEDGE
  - ⑤ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
  - ⑥ PROPOSED PAVED SHOULDER REMOVAL
  - ⑦ PROPOSED HMA SURFACE COURSE, 2.5"
  - ⑧ PROPOSED HMA BINDER COURSE, 2"
  - ⑨ PROPOSED HMA BINDER COURSE, 8.5"
  - ⑩ PROPOSED BIT. MATERIALS (PC)
  - ⑪ PROPOSED AGGREGATE MATERIALS (PC)
  - ⑫ PROPOSED HMA SHOULDERS, 8"
  - ⑬ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"
  - ⑭ PROPOSED MODIFIED SOIL
  - ⑮ PROPOSED HMA SURFACE REMOVAL, 1.5"
  - ⑯ PROPOSED HMA SURFACE COURSE, 1.5"
  - ⑰ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - ⑱ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
  - ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE A, 8"

FILE NAME *	USER NAME * conoverpj	DESIGNED -	REVISED 9/12/12
21\work\p10105\conoverpj\09160807.dwg	6053-shs-p10105	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

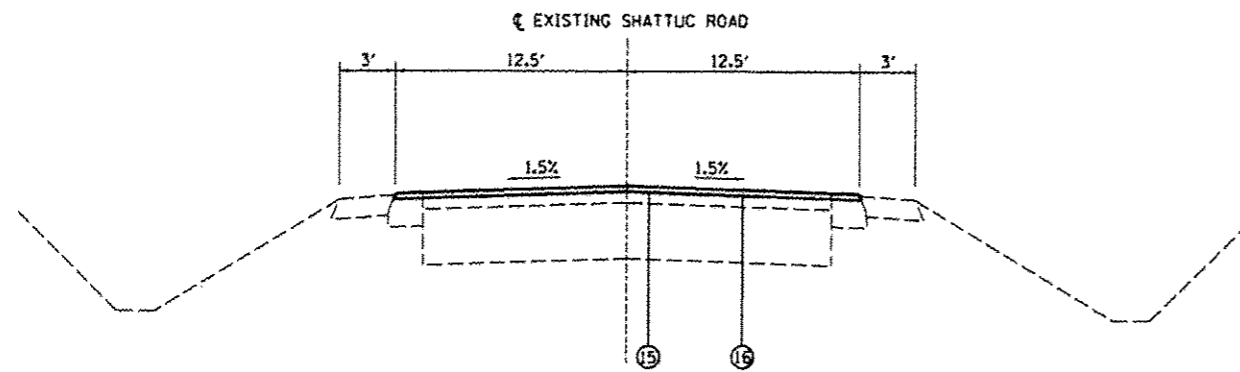
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE:	TO STA.
SHEET NO. 2 OF 3 SHEETS	

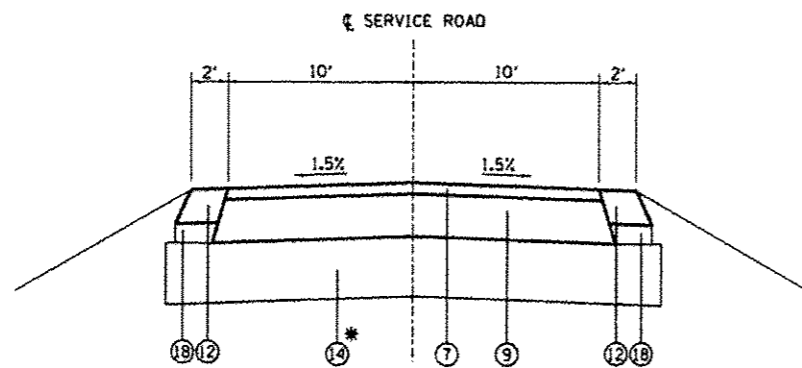
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	21-1-1,27-1	CLINTON	96	8
CONTRACT NO. 76053				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING SHATTUC ROAD  
STA. 83+29.43 TO STA. 100+00.00



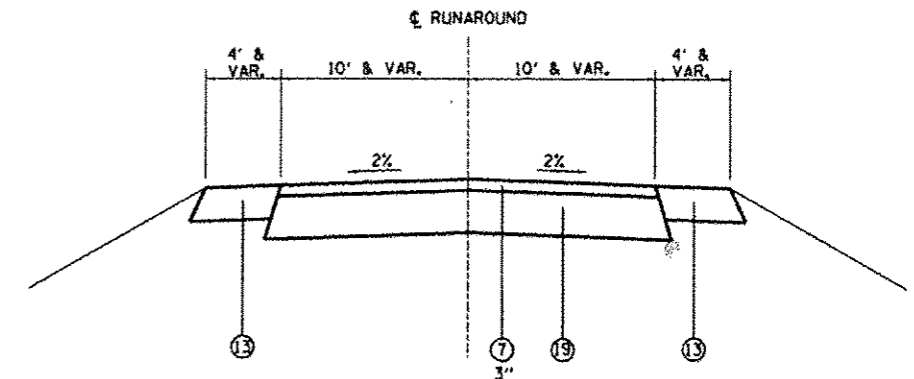
PROPOSED SHATTUC ROAD  
(ON OLD ALIGNMENT)  
STA. 89+72 STA. 92+77



PROPOSED SERVICE ROAD  
STA. 10+00 TO STA. 11+39.10 (ON NEW ALIGNMENT)  
• 16"

**LEGEND**

- ① EXISTING PAVEMENT
- ② EXISTING HMA SHOULDER
- ③ EXISTING HMA OVERLAY (THICKNESS VARIES)
- ④ EXISTING AGGREGATE WEDGE
- ⑤ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑥ PROPOSED PAVED SHOULDER REMOVAL
- ⑦ PROPOSED HMA SURFACE COURSE, 2.5"
- ⑧ PROPOSED HMA BINDER COURSE, 2"
- ⑨ PROPOSED HMA BINDER COURSE, 8.5"
- ⑩ PROPOSED BIT. MATERIALS (PC)
- ⑪ PROPOSED AGGREGATE MATERIALS (PC)
- ⑫ PROPOSED HMA SHOULDERS, 8"
- ⑬ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"
- ⑭ PROPOSED MODIFIED SOIL
- ⑮ PROPOSED HMA SURFACE REMOVAL, 1.5"
- ⑯ PROPOSED HMA SURFACE COURSE, 1.5"
- ⑰ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑱ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE A, 8"



PROPOSED RUNAROUND  
STA. 102+57.19 TO STA. 108+17.39

FILE NAME *	USER NAME * canoverpj	DESIGNED -	REVISED <b>REVISION SHEET</b> 9/12/12
c:\work\p1010\canoverpj\0162887.dwg	6d93-unt-plandg	DRAWN -	REVISED -
	PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -
	PLOT DATE = 9/12/2012	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	21-1-1,27-1	CLINTON	96	9
CONTRACT NO. 76053				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LOCATION	PIPE CULVERT REMOVAL	PIPE CULVERTS, CLASS C, TYPE 1, 15" TEMPORARY	PIPE CULVERTS, CLASS A, TYPE 1, 15"	PIPE CULVERTS, CLASS A, TYPE 1, 24"	PIPE CULVERTS, CLASS A, TYPE 1, EQUIVALENT ROUND SIZE, 30"	PRC FLARED END SECTIONS 24"	PRC FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND SIZE 30"	PRECAST CONCRETE BOX CULVERTS 3'X3'	BOX CULVERT END SECTIONS, CULVERT NO. 1	CONCRETE COLLAR	POROUS GRANULAR EMBANKMENT	TRENCH BACKFILL	CATCH BASINS, TYPE C, TYPE 4 FRAME & GRATE
	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	EACH	CU YD	CU YD	CU YD	EACH
PROP. SHATTUC													
STA 99+33.03 RT			26								4.8	4.8	
STA 99+33.03 LT			26								6.7	6.7	
EXIST. SHATTUC													
STA 85+24.26	50				52		2					19.2	
STA 88+00		50										11.1	
STA 91+14.46 RT	30			30		2						8.8	
STA 92+43.51 RT	153			150		2						55.5	
STA 97+92.57 LT	30												
US 50													
STA 698+72								16	1	0.37	1.4		
STA 700+50	31												
SERVICE ROAD													
STA 10+30.80			50									9.2	
STA 11+44.11			46									5.1	
RUNAROUND													
STA 105+82.50		38											1
TOTALS	294	88	148	180	52	4	2	16	1	0.37	12.9	120.4	1

PAVEMENT SCHEDULE

LOCATION	AGGREGATE BASE COURSE, TYPE A, 8"	SUBBASE GRANULAR MATERIAL, TYPE C	AGGREGATE SURFACE COURSE, TYPE A	STRIP REFLECTIVE CRACK CONTROL	HMA BINDER COURSE	HMA SURFACE COURSE	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HMA SHOULDERS, 8"	AGGREGATE SHOULDERS, TYPE B - 6"
	SQ YD	TON	TON	FOOT	TON	TON	TON	TON	SO YD	SO YD
PROP. SHATTUC										
STA 83+50.00 TO 101+59.57		137.4	42.0		2220.0	710.6	0.15	0.7	670.2	1296.6
EXIST. SHATTUC										
STA 81+50.00 TO 89+71.67						281.2				
STA 89+71.67 TO 91+60.00						64.5	0.16	0.8		
STA 91+60.00 TO 92+00.00			44.0			13.7	0.03	0.2		
STA 92+00.00 TO 93+10.70						55.8	0.10	0.5		
US 50										
STA 698+44.95 TO 711+12.12		144.3		2509	1203.8	726.4	1.06	5.1	866.7	742.7
SERVICE ROAD										
STA 10+11.00 TO 11+61.87		11.5			159.6	46.9			78.4	
RUNAROUND										
STA 100+50 TO 110+00	972.2					163.3	1.50	2.4		497.9
TOTALS	972.2	293.2	86	2509	3583.4	2062.4	3.00	9.7	1615.3	2537.2

EARTHWORK SCHEDULE - ROADWAY

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STATION TO STATION	CU YD	CU YD	CU YD	CUYD
PROPOSED SHATTUC RD.				
STA 81+82.23 TO STA 101+00	8113.0	6084.8	551.0	5533.8
EXISTING SHATTUC RD.				
STA 89+50 TO STA 99+50	1881	1410.8	779.0	631.8
SERVICE DRIVE				
STA 10+50 TO STA 11+50	78.0	58.5	15.0	43.5
US 50				
STA 698+44.95 TO STA 711+12.13	2819.0	2114.3	305.0	1809.3
TOTALS	10072	7554	1345	6209

EARTHWORK SCHEDULE - RUNAROUND

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STATION TO STATION	CU YD	CU YD	CU YD	CUYD
RUNAROUND				
STA 102+50 TO STA 108+25	45.0	33.8	904	-870.3
REMOVAL OF RUNAROUND	904.0			
TOTALS	949	34	904	-870