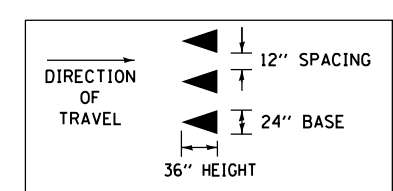


NOTE 1:
 THIS ITEM WILL BE PAID FOR AS
 "PEDESTRIAN ACTIVATED CROSSWALK
 WARNING SYSTEM, POST MOUNTED"



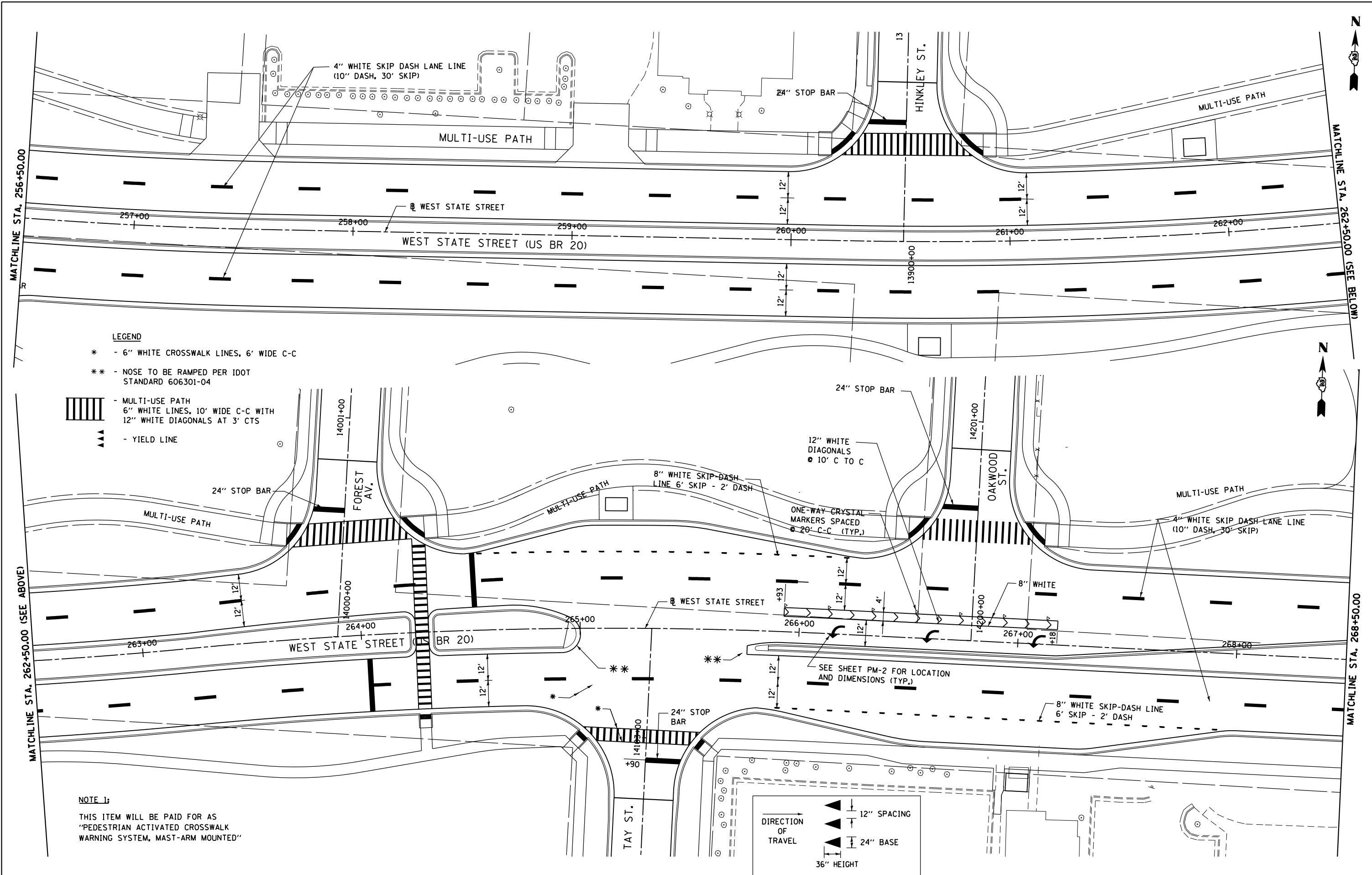
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
 WEST STATE STREET (US BUS 20)**

SCALE: SHEET NO. 2 OF 9 SHEETS STA. 244+50 TO STA. 256+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	201
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	



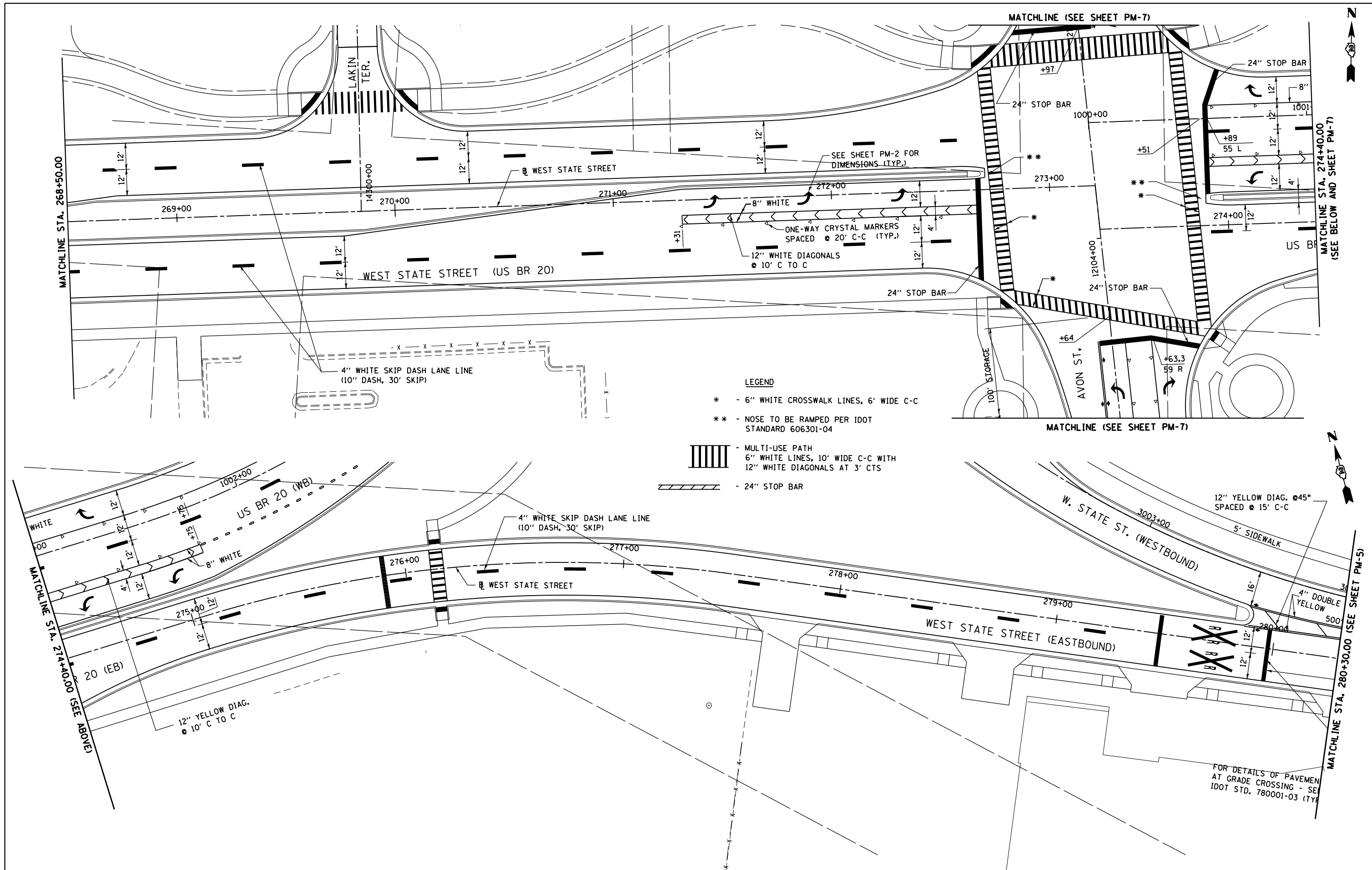
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
WEST STATE STREET (US BUS 20)**

SCALE: SHEET NO. 3 OF 9 SHEETS STA. 256+50 TO STA. 268+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	202
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	



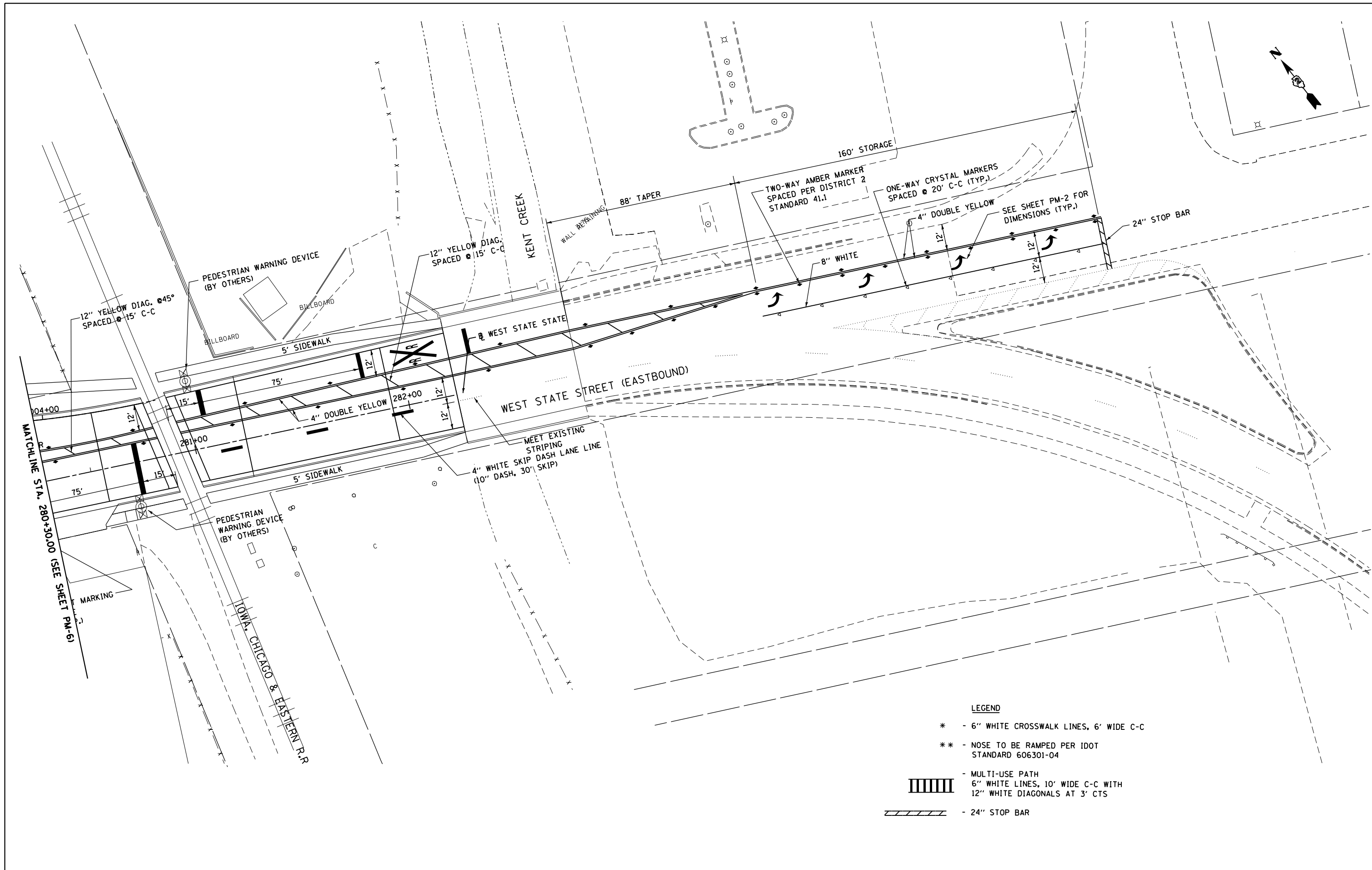
- LEGEND**
- * - 6" WHITE CROSSWALK LINES, 6' WIDE C-C
 - ** - NOSE TO BE RAMPED PER IDOT STANDARD 606301-04
 - [Hatched Box] - MULTI-USE PATH
6" WHITE LINES, 10' WIDE C-C WITH
12" WHITE DIAGONALS AT 3' CTS
 - [Hatched Box] - 24" STOP BAR

FILE NAME =	USER NAME = dosddd	DESIGNED - JCL	REVISED -
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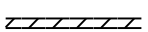
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN	
WEST STATE STREET (US BUS 20)	
SCALE:	STA. 268+50 TO STA. 280+30
SHEET NO. 4 OF 9 SHEETS	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	203
CONTRACT NO. 64750			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT	



LEGEND

- * - 6" WHITE CROSSWALK LINES, 6' WIDE C-C
- ** - NOSE TO BE RAMPED PER IDOT STANDARD 606301-04
-  - MULTI-USE PATH
6" WHITE LINES, 10' WIDE C-C WITH
12" WHITE DIAGONALS AT 3' CTS
-  - 24" STOP BAR

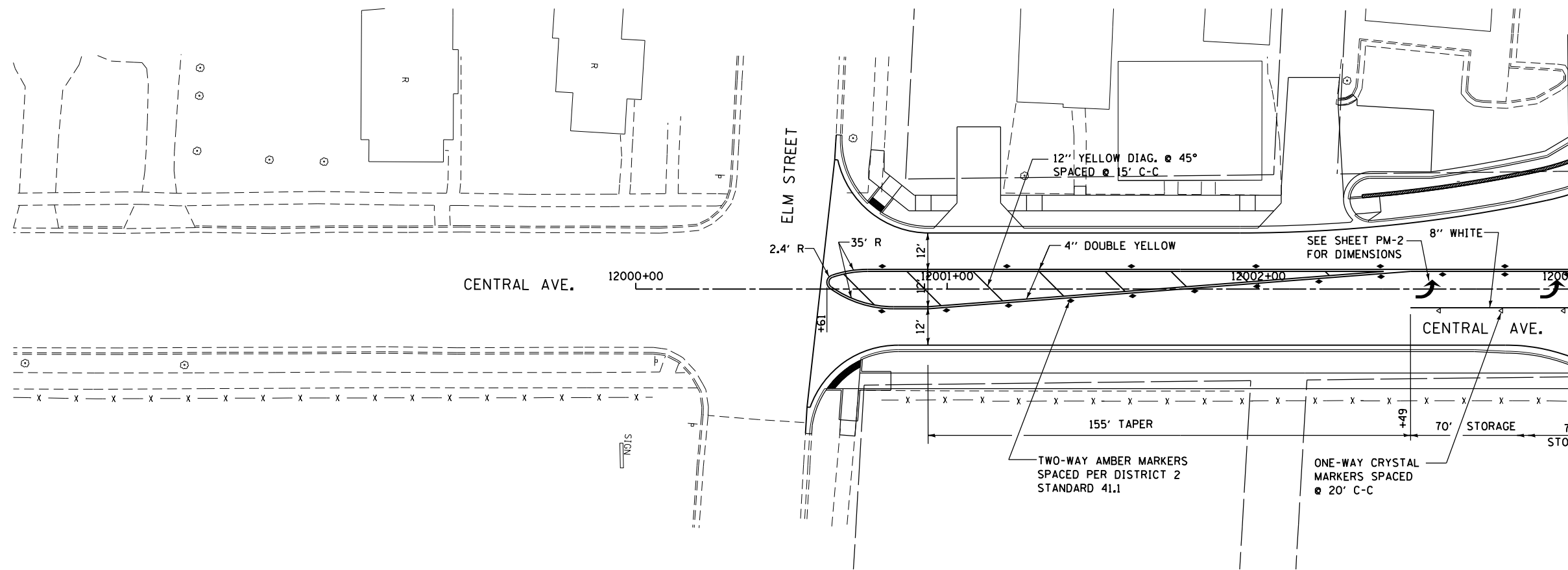
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
WEST STATE STREET (US BUS 20)**

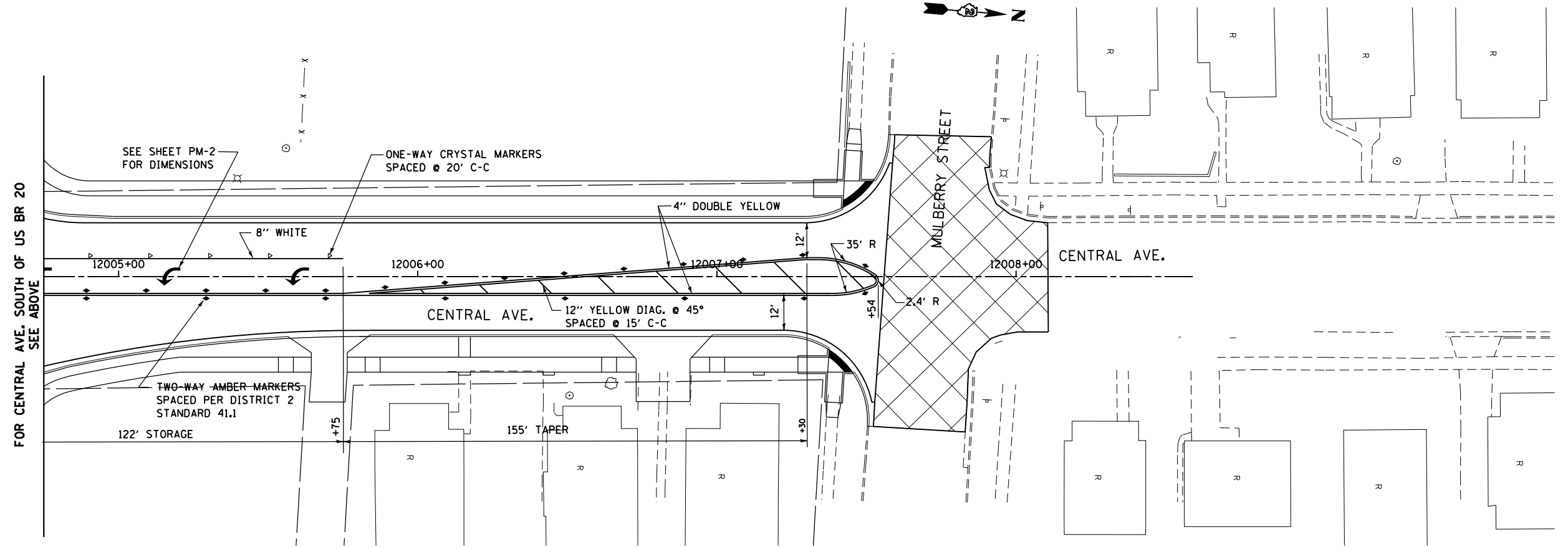
SCALE: SHEET NO. 5 OF 9 SHEETS STA. 280+30 TO STA. 285+11

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	204
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	



FOR CENTRAL AVE. NORTH OF US BR 20
SEE BELOW

- LEGEND**
- * - 6" WHITE CROSSWALK LINES, 6' WIDE C-C
 - ** - NOSE TO BE RAMPED PER IDOT STANDARD 606301-04
 - MULTI-USE PATH
6" WHITE LINES, 10' WIDE C-C WITH
12" WHITE DIAGONALS AT 3' CTS



FOR CENTRAL AVE. SOUTH OF US BR 20
SEE ABOVE

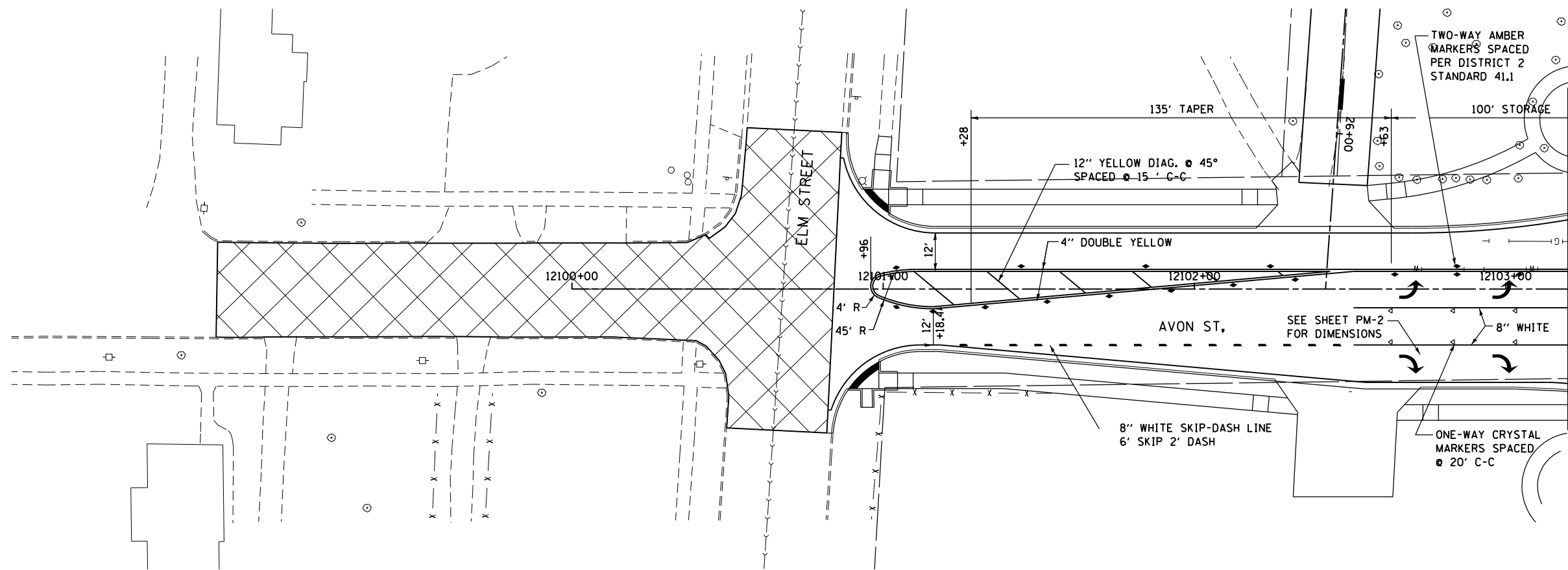
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
CENTRAL AVENUE**

SCALE: SHEET NO. 6 OF 9 SHEETS STA. TO STA.


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	205
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	



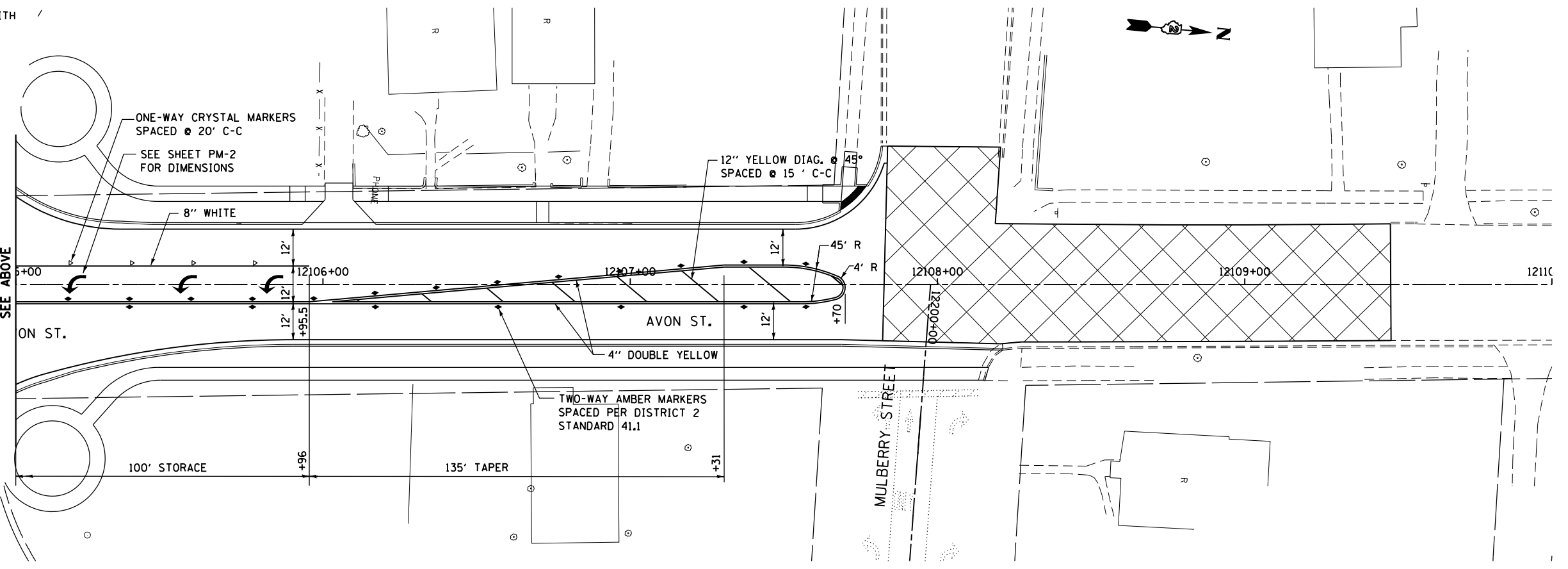
FOR US BR 20 SEE SHEET PM-4
FOR AVON AVE. NORTH OF US BR 20
SEE BELOW

LEGEND

* - 6" WHITE CROSSWALK LINES, 6' WIDE C-C

 - MULTI-USE PATH
 6" WHITE LINES, 10' WIDE C-C WITH
 12" WHITE DIAGONALS AT 3' CTS

FOR US BR 20 SEE SHEET PM-4
FOR AVON AVE. SOUTH OF US BR 20
SEE ABOVE



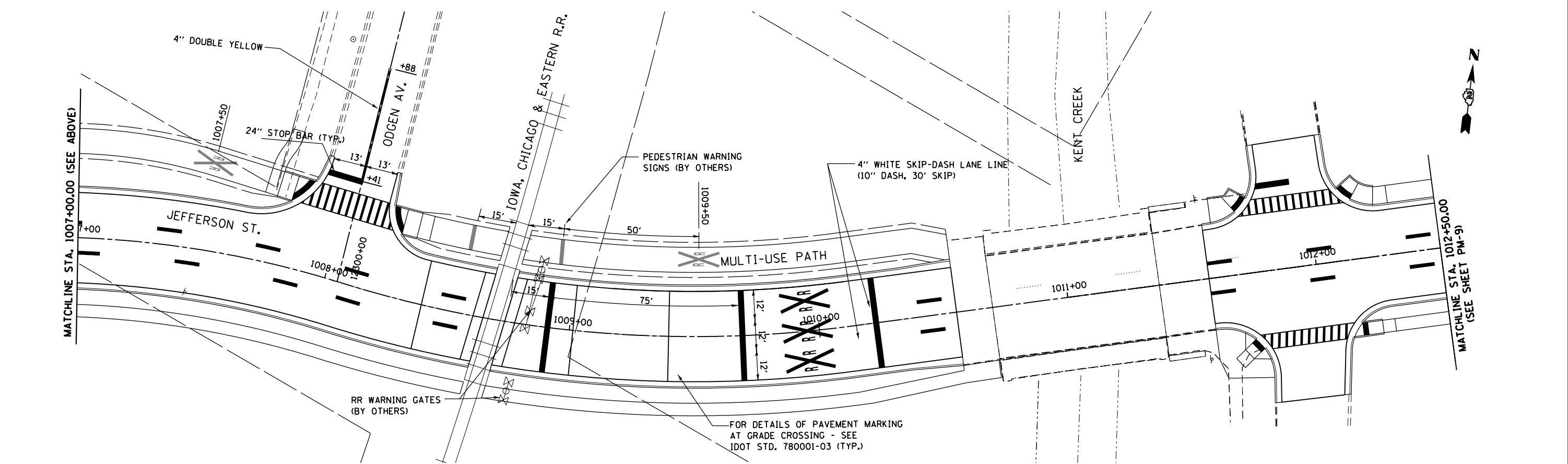
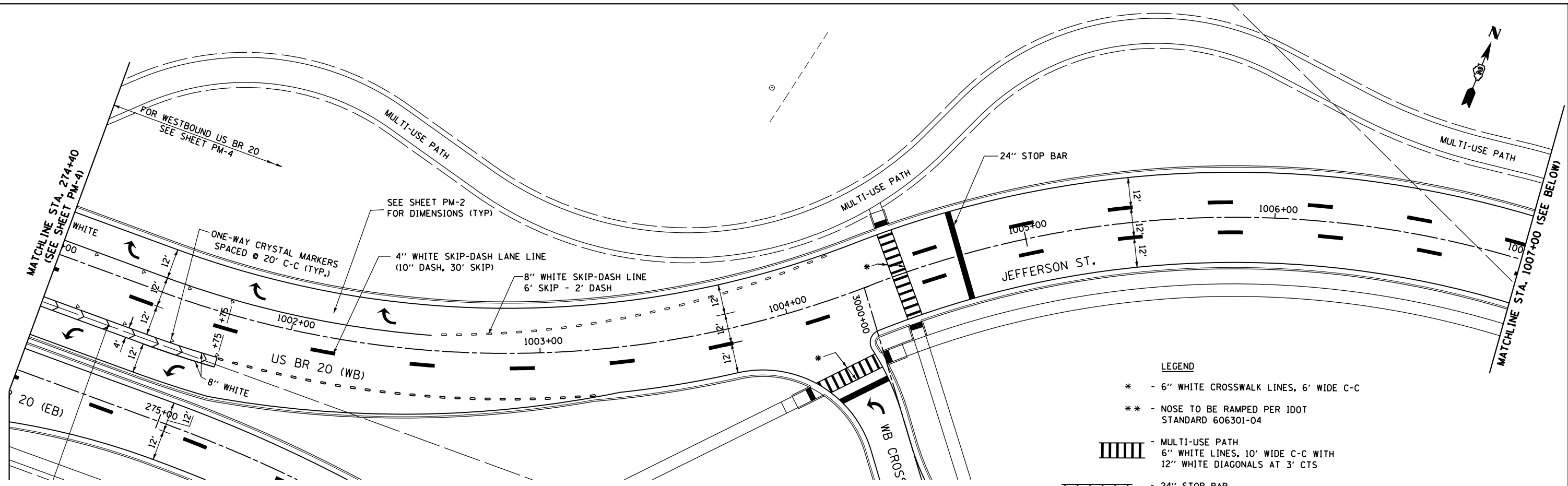
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
AVON STREET**

SCALE: SHEET NO. 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	206
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



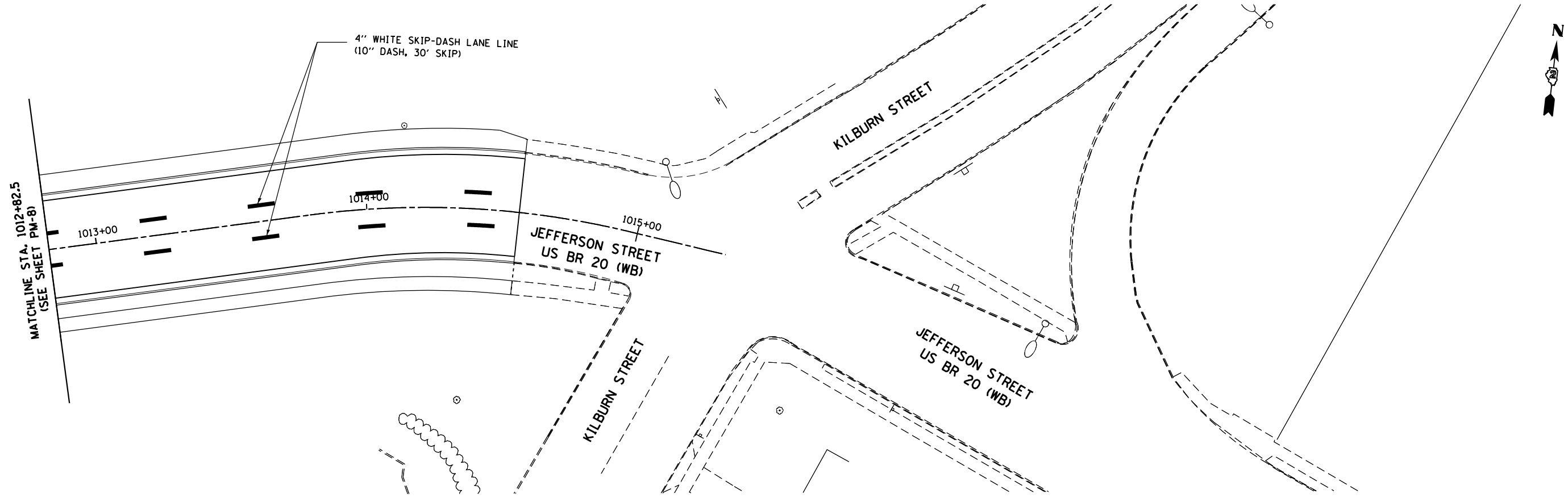
- LEGEND**
- * - 6" WHITE CROSSWALK LINES, 6' WIDE C-C
 - ** - NOSE TO BE RAMPED PER IDOT STANDARD 606301-04
 - MULTI-USE PATH
6" WHITE LINES, 10' WIDE C-C WITH
12" WHITE DIAGONALS AT 3' CTS
 - 24" STOP BAR

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN	
JEFFERSON STREET	
SCALE:	STA. TO STA.
SHEET NO. 8 OF 9 SHEETS	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	207
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	



LEGEND

- * - 6" WHITE CROSSWALK LINES, 6' WIDE C-C
- ** - NOSE TO BE RAMPED PER IDOT STANDARD 606301-04
-  - MULTI-USE PATH
6" WHITE LINES, 10' WIDE C-C WITH
12" WHITE DIAGONALS AT 3' CTS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

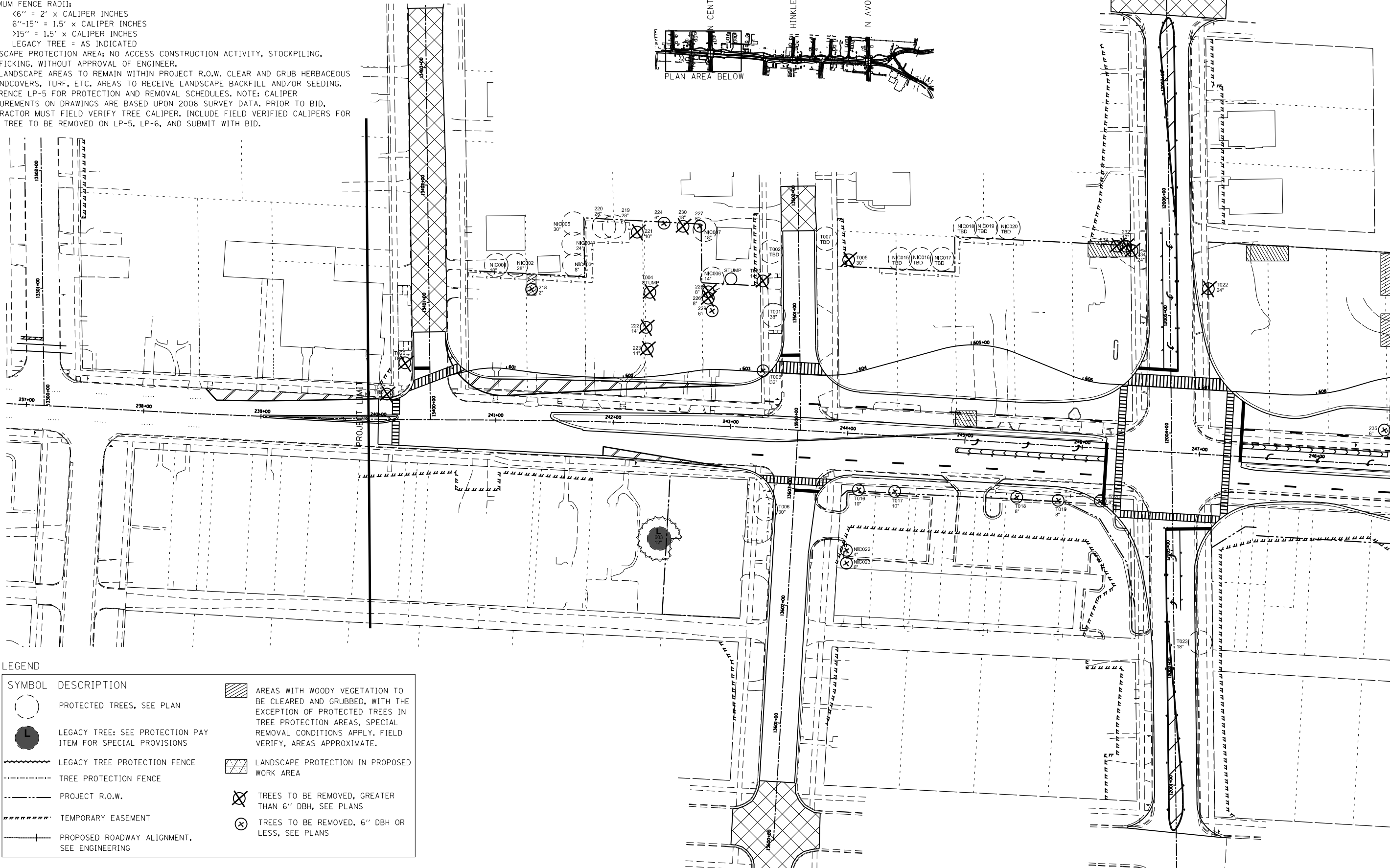
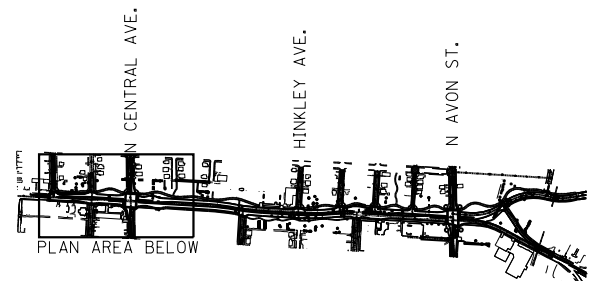
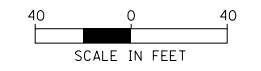
**PAVEMENT MARKING PLAN
JEFFERSON STREET**

SCALE: SHEET NO. 9 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	208
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

NOTES:

1. TREE PROTECTION FENCE LOCATIONS: CONTRACTOR TO STAKE AND RECEIVE ENGINEER APPROVAL PRIOR TO ERECTING.
2. FENCE LOCATIONS SHOWN ARE RECOMMENDED. CONTRACTOR MUST INSPECT MONTHLY TO FIT IMMEDIATE CONDITIONS AND CONSTRUCTION ACTIVITIES.
MINIMUM FENCE RADII:
 - <6" = 2' x CALIPER INCHES
 - 6"-15" = 1.5' x CALIPER INCHES
 - >15" = 1.5' x CALIPER INCHES
 - LEGACY TREE = AS INDICATED
3. LANDSCAPE PROTECTION AREA: NO ACCESS CONSTRUCTION ACTIVITY, STOCKPILING, TRAFFICKING, WITHOUT APPROVAL OF ENGINEER.
4. ALL LANDSCAPE AREAS TO REMAIN WITHIN PROJECT R.O.W. CLEAR AND GRUB HERBACEOUS GROUNDCOVERS, TURF, ETC. AREAS TO RECEIVE LANDSCAPE BACKFILL AND/OR SEEDING.
5. REFERENCE LP-5 FOR PROTECTION AND REMOVAL SCHEDULES. NOTE: CALIPER MEASUREMENTS ON DRAWINGS ARE BASED UPON 2008 SURVEY DATA. PRIOR TO BID, CONTRACTOR MUST FIELD VERIFY TREE CALIPER. INCLUDE FIELD VERIFIED CALIPERS FOR EACH TREE TO BE REMOVED ON LP-5, LP-6, AND SUBMIT WITH BID.



LEGEND

SYMBOL	DESCRIPTION
	PROTECTED TREES, SEE PLAN
	LEGACY TREE: SEE PROTECTION PAY ITEM FOR SPECIAL PROVISIONS
	LEGACY TREE PROTECTION FENCE
	TREE PROTECTION FENCE
	PROJECT R.O.W.
	TEMPORARY EASEMENT
	PROPOSED ROADWAY ALIGNMENT, SEE ENGINEERING
	AREAS WITH WOODY VEGETATION TO BE CLEARED AND GRUBBED, WITH THE EXCEPTION OF PROTECTED TREES IN TREE PROTECTION AREAS. SPECIAL REMOVAL CONDITIONS APPLY. FIELD VERIFY, AREAS APPROXIMATE.
	LANDSCAPE PROTECTION IN PROPOSED WORK AREA
	TREES TO BE REMOVED, GREATER THAN 6" DBH, SEE PLANS
	TREES TO BE REMOVED, 6" DBH OR LESS, SEE PLANS

MATCH LINE STA. 248+64

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

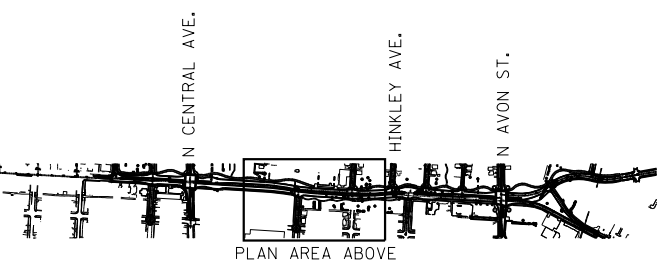
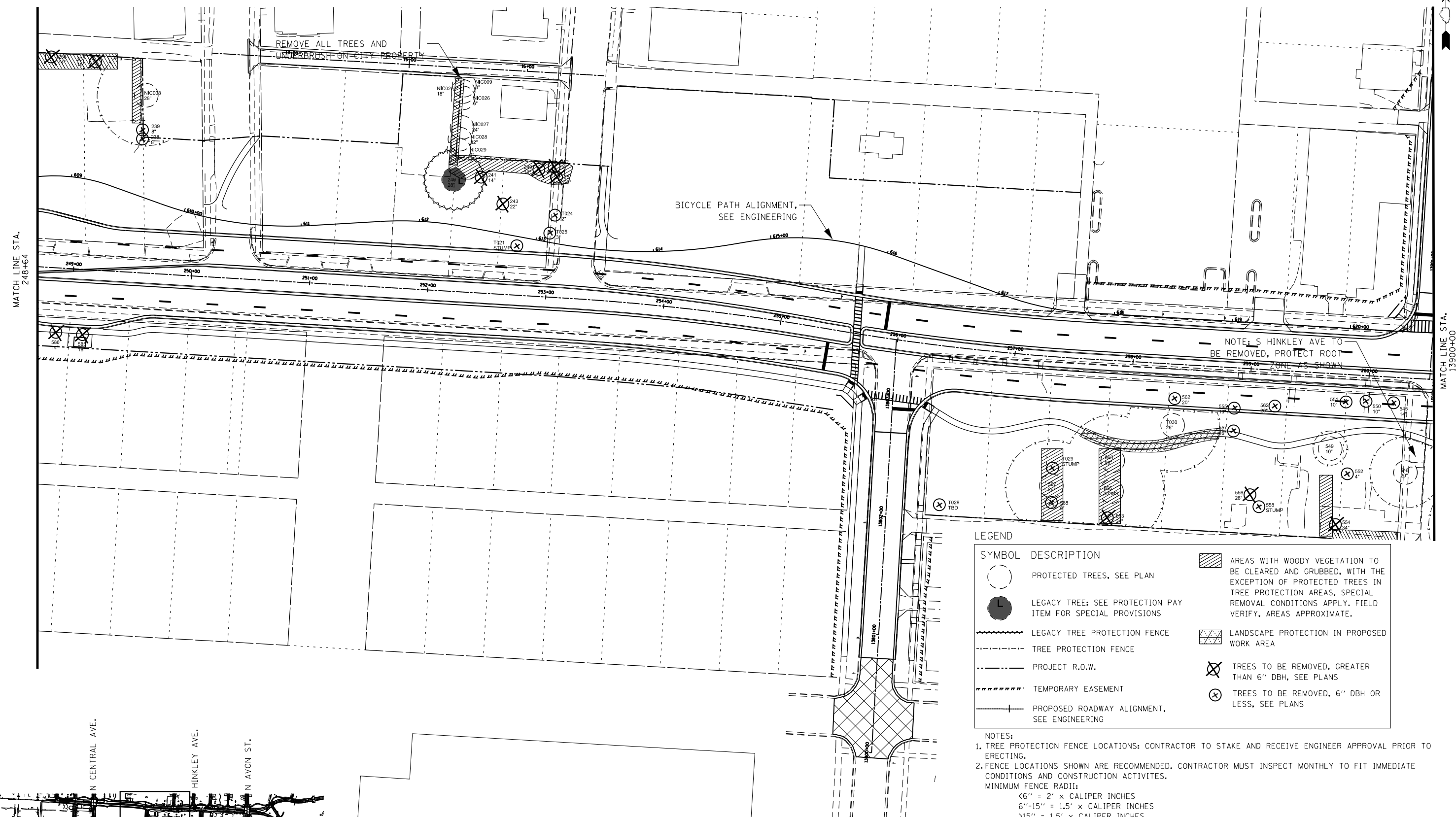
EX. LANDSCAPE PROTECTION/REMOVAL PLAN
WEST STATE STREET (US BUS 20)

LP-1

SCALE: 1" = 40' SHEET NO. 187 OF 302 SHEETS STA. 239+91 TO STA. 248+64

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	209
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

FINAL



LEGEND

SYMBOL	DESCRIPTION	
(Circle with dot)	PROTECTED TREES, SEE PLAN	(Hatched area)
(Circle with 'L')	LEGACY TREE: SEE PROTECTION PAY ITEM FOR SPECIAL PROVISIONS	(Hatched area with diagonal lines)
(Dashed line)	LEGACY TREE PROTECTION FENCE	(Hatched area with cross-hatch)
(Dotted line)	TREE PROTECTION FENCE	(Circle with 'X')
(Solid line)	PROJECT R.O.W.	(Circle with 'X' and dot)
(Dashed line with dots)	TEMPORARY EASEMENT	(Circle with 'X' and cross-hatch)
(Line with cross-ticks)	PROPOSED ROADWAY ALIGNMENT, SEE ENGINEERING	
		(Circle with 'X' and diagonal lines)

- NOTES:**
- TREE PROTECTION FENCE LOCATIONS: CONTRACTOR TO STAKE AND RECEIVE ENGINEER APPROVAL PRIOR TO ERECTING.
 - FENCE LOCATIONS SHOWN ARE RECOMMENDED. CONTRACTOR MUST INSPECT MONTHLY TO FIT IMMEDIATE CONDITIONS AND CONSTRUCTION ACTIVITIES.
MINIMUM FENCE RADII:
<6" = 2' x CALIPER INCHES
6"-15" = 1.5' x CALIPER INCHES
>15" = 1.5' x CALIPER INCHES
LEGACY TREE = AS INDICATED
 - LANDSCAPE PROTECTION AREA: NO ACCESS CONSTRUCTION ACTIVITY, STOCKPILING, TRAFFICKING, WITHOUT APPROVAL OF ENGINEER.
 - ALL LANDSCAPE AREAS TO REMAIN WITHIN PROJECT R.O.W. CLEAR AND GRUB HERBACEOUS GROUNDCOVERS, TURF, ETC. AREAS TO RECEIVE LANDSCAPE BACKFILL AND/OR SEEDING.
 - REFERENCE LP-5 FOR PROTECTION AND REMOVAL SCHEDULES. NOTE: CALIPER MEASUREMENTS ON DRAWINGS ARE BASED UPON 2008 SURVEY DATA. PRIOR TO BID, CONTRACTOR MUST FIELD VERIFY TREE CALIPER. INCLUDE FIELD VERIFIED CALIPERS FOR EACH TREE TO BE REMOVED ON LP-5, LP-6, AND SUBMIT WITH BID.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

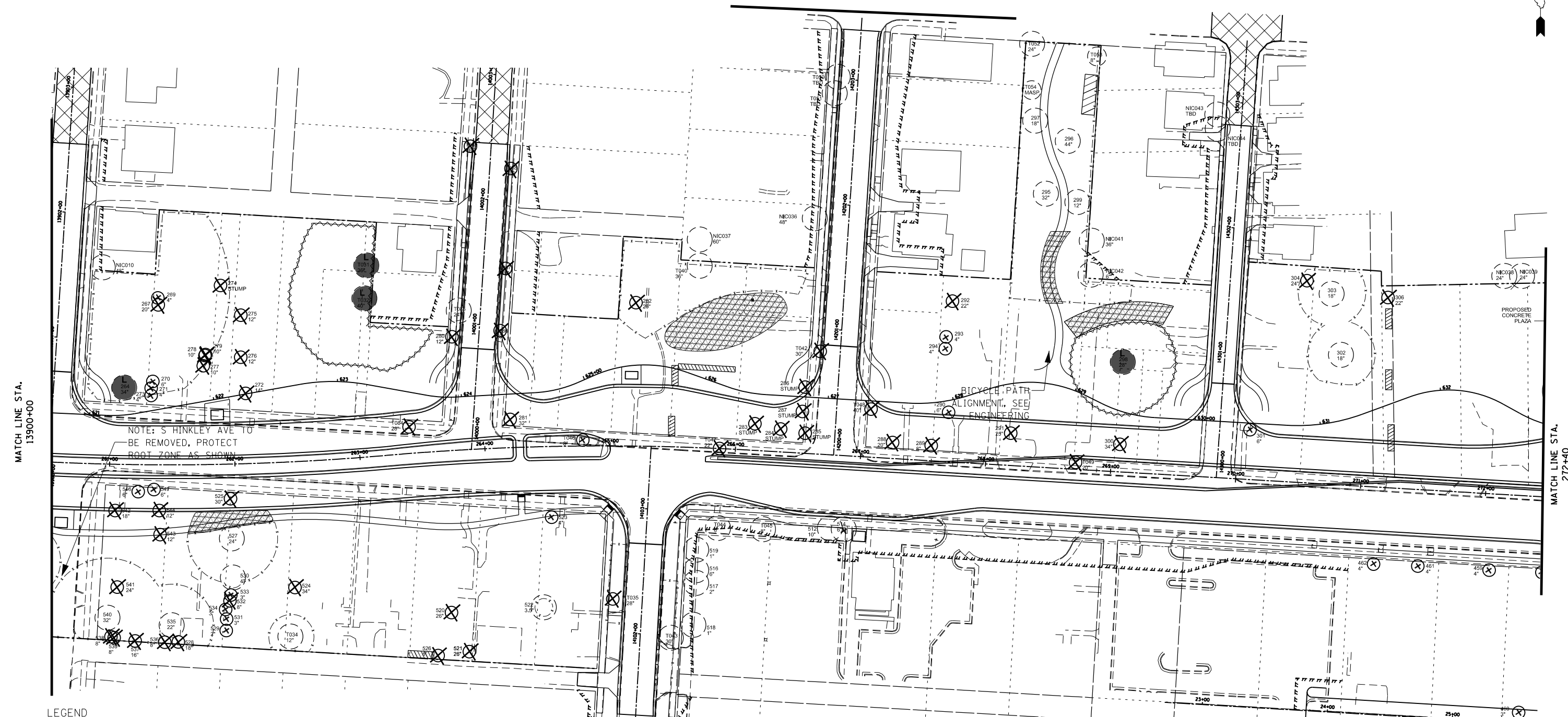
**EX. LANDSCAPE PROTECTION/REMOVAL PLAN
WEST STATE STREET (US BUS 20)**

LP-2

SCALE: 1" = 40' SHEET NO. 188 OF 302 SHEETS STA. 248+64 TO STA. 13900+00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	210
CONTRACT NO. 64750				

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT



NOTE: S HINKLEY AVE TO BE REMOVED. PROTECT ROOT ZONE AS SHOWN

MATCH LINE STA. 13900+00

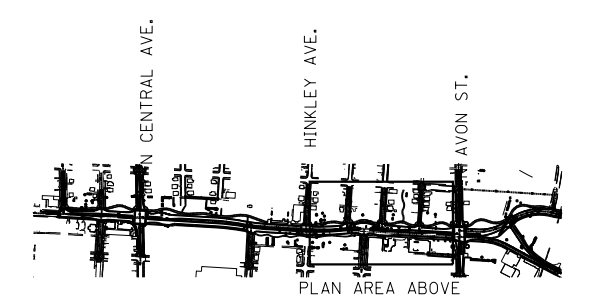
MATCH LINE STA. 272+40

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PROTECTED TREES, SEE PLAN		AREAS WITH WOODY VEGETATION TO BE CLEARED AND GRUBBED, WITH THE EXCEPTION OF PROTECTED TREES IN TREE PROTECTION AREAS, SPECIAL REMOVAL CONDITIONS APPLY. FIELD VERIFY, AREAS APPROXIMATE.
	LEGACY TREE: SEE PROTECTION PAY ITEM FOR SPECIAL PROVISIONS		LANDSCAPE PROTECTION IN PROPOSED WORK AREA
	LEGACY TREE PROTECTION FENCE		TREES TO BE REMOVED, GREATER THAN 6" DBH, SEE PLANS
	TREE PROTECTION FENCE		TREES TO BE REMOVED, 6" DBH OR LESS, SEE PLANS
	PROJECT R.O.W.		
	TEMPORARY EASEMENT		
	PROPOSED ROADWAY ALIGNMENT, SEE ENGINEERING		

NOTES:

- TREE PROTECTION FENCE LOCATIONS: CONTRACTOR TO STAKE AND RECEIVE ENGINEER APPROVAL PRIOR TO ERECTING.
- FENCE LOCATIONS SHOWN ARE RECOMMENDED. CONTRACTOR MUST INSPECT MONTHLY TO FIT IMMEDIATE CONDITIONS AND CONSTRUCTION ACTIVITIES.
MINIMUM FENCE RADII:
<6" = 2' x CALIPER INCHES
6"-15" = 1.5' x CALIPER INCHES
>15" = 1.5' x CALIPER INCHES
LEGACY TREE = AS INDICATED
- LANDSCAPE PROTECTION AREA: NO ACCESS CONSTRUCTION ACTIVITY, STOCKPILING, TRAFFICKING, WITHOUT APPROVAL OF ENGINEER.
- ALL LANDSCAPE AREAS TO REMAIN WITHIN PROJECT R.O.W. CLEAR AND GRUB HERBACEOUS GROUNDCOVERS, TURF, ETC. AREAS TO RECEIVE LANDSCAPE BACKFILL AND/OR SEEDING.
- REFERENCE LP-5 FOR PROTECTION AND REMOVAL SCHEDULES. NOTE: CALIPER MEASUREMENTS ON DRAWINGS ARE BASED UPON 2008 SURVEY DATA. PRIOR TO BID, CONTRACTOR MUST FIELD VERIFY TREE CALIPER. INCLUDE FIELD VERIFIED CALIPERS FOR EACH TREE TO BE REMOVED ON LP-5, LP-6, AND SUBMIT WITH BID.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

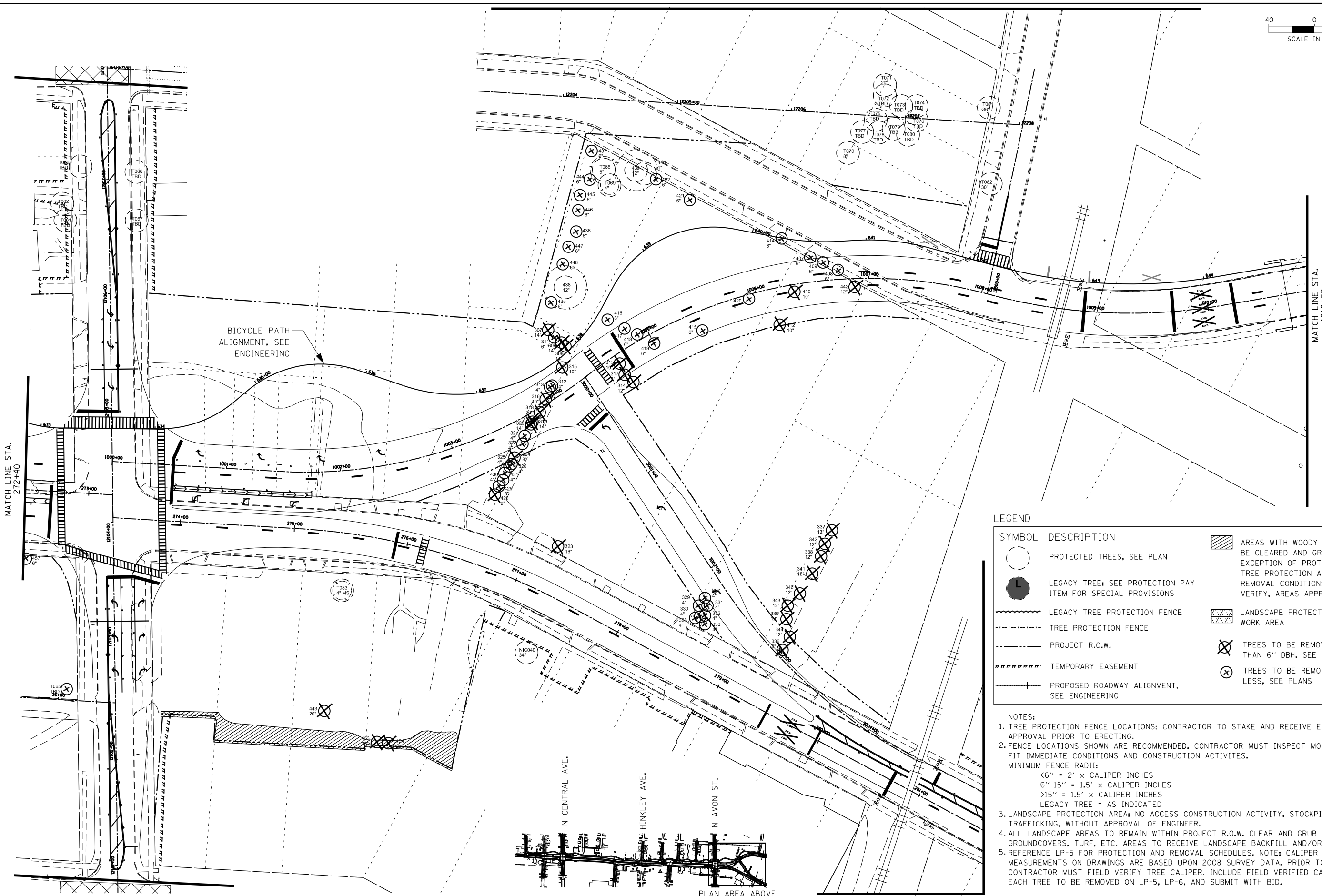
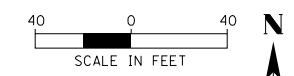
EX. LANDSCAPE PROTECTION/REMOVAL PLAN
WEST STATE STREET (US BUS 20)

LP-3

SCALE: 1" = 40' SHEET NO. 189 OF 302 SHEETS STA. 13900+00 TO STA. 272+40

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	211
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

FINAL



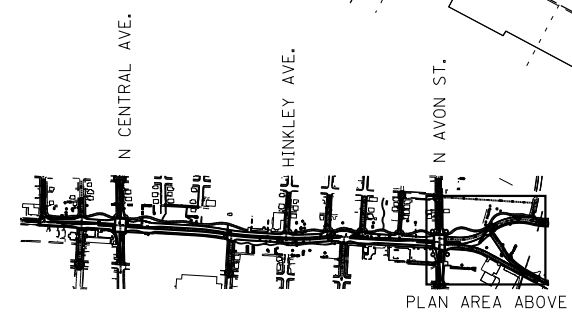
NOTE: NO TREE REMOVALS BEYOND THIS STATION POINT

LEGEND

SYMBOL	DESCRIPTION	
	PROTECTED TREES, SEE PLAN	
	LEGACY TREE: SEE PROTECTION PAY ITEM FOR SPECIAL PROVISIONS	
	LEGACY TREE PROTECTION FENCE	
	TREE PROTECTION FENCE	
	PROJECT R.O.W.	
	TEMPORARY EASEMENT	
	PROPOSED ROADWAY ALIGNMENT, SEE ENGINEERING	

NOTES:

- TREE PROTECTION FENCE LOCATIONS: CONTRACTOR TO STAKE AND RECEIVE ENGINEER APPROVAL PRIOR TO ERECTING.
- FENCE LOCATIONS SHOWN ARE RECOMMENDED. CONTRACTOR MUST INSPECT MONTHLY TO FIT IMMEDIATE CONDITIONS AND CONSTRUCTION ACTIVITIES.
MINIMUM FENCE RADII:
 <6" = 2' x CALIPER INCHES
 6"-15" = 1.5' x CALIPER INCHES
 >15" = 1.5' x CALIPER INCHES
 LEGACY TREE = AS INDICATED
- LANDSCAPE PROTECTION AREA: NO ACCESS CONSTRUCTION ACTIVITY, STOCKPILING, TRAFFICKING, WITHOUT APPROVAL OF ENGINEER.
- ALL LANDSCAPE AREAS TO REMAIN WITHIN PROJECT R.O.W. CLEAR AND GRUB HERBACEOUS GROUNDCOVERS, TURF, ETC. AREAS TO RECEIVE LANDSCAPE BACKFILL AND/OR SEEDING.
- REFERENCE LP-5 FOR PROTECTION AND REMOVAL SCHEDULES. NOTE: CALIPER MEASUREMENTS ON DRAWINGS ARE BASED UPON 2008 SURVEY DATA. PRIOR TO BID, CONTRACTOR MUST FIELD VERIFY TREE CALIPER. INCLUDE FIELD VERIFIED CALIPERS FOR EACH TREE TO BE REMOVED ON LP-5, LP-6, AND SUBMIT WITH BID.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EX. LANDSCAPE PROTECTION/REMOVAL PLAN
WEST STATE STREET (US BUS 20)

LP-4

SCALE: 1" = 40' SHEET NO. 190 OF 302 SHEETS STA. 272+40 TO STA. 1010+82

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	212
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

FINAL

SHEET LP-1		PROTECT	PROTECT	PROTECT	REMOVE	REMOVE	REMOVE	TBD BY ENGINEER	NOTES
ID#	2008 DBH	Species	< 6"	6" - 15"	> 15"	< 6"	6" - 15"	> 15"	
T026	TBD	TBD						1	Size Unknown (Estimated as 24" Removed for Pay Item)
T027	TBD	TBD						1	Size Unknown (Estimated as 12" Removed for Pay Item)
NIC001	10"	MOAL	1						
NIC002	28"	AIAL		1					
218	2"	AIAL				1			
NIC003	8"	ULPU					1		
NIC004	24"	PIPU			1				
NIC005	30"	PIPU			1				
220	26"	CEOC			1				
219	28"	CEOC			1				
221	10"	ULAM					1		
222	14"	PIST					1		
223	14"	PIAB					1		
224	6"	AIAL				1			
230	18"	ULAM						1	
227	6"	ULAM				1			
NIC007	18"	ULAM			1				
NIC006	14"	MOAL	1						
T083	14"	ULSP						1	
228	8"	ULAM						1	
226	8"	ULAM						1	
229	6"	MOAL				1			
T001	38"	GLTR						1	38" DBH (Estimated as Removed for Pay Item)
T002	TBD	TBD						1	Size Unknown (Estimated as 38" Removed for Pay Item)
T003	32"	PLOC						1	
T004	TBD	STUMP						1	Size Unknown (Estimated as 6" Removed for Pay Item)
T005	TBD	STUMP						1	Size Unknown (Estimated as 6" Removed for Pay Item)
235	6"	FRPE				1			
603	12"	MALI	1						LEGACY TREE
T006	30"	ACSA			1				
T023	18"	ACPL						1	18" DBH (Estimated as Removed for Pay Item)
T007	TBD	TBD						1	Size Unknown (Estimated as 16" Removed for Pay Item)
T005	30"	ULSP			1				
NIC015	TBD	TBD	1						
NIC016	TBD	TBD	1						
NIC017	TBD	TBD	1						
NIC018	TBD	TBD	1						
NIC019	TBD	TBD	1						
NIC020	TBD	TBD	1						
232	12"	ULPU						1	
233	12"	ULPU						1	
234	24"	ULPU						1	
NIC022	4"	GLTR						1	4" DBH (Estimated as Removed for Pay Item)
NIC023	6"	ACPL						1	6" DBH (Estimated as Removed for Pay Item)
T016	10"	GLTR						1	
T017	10"	GLTR						1	
T018	8"	GLTR						1	
T019	8"	GLTR						1	
T020	8"	GLTR						1	
T022	24"	GLTR						1	
TOTAL TREES			0	9	8	5	17	5	6
2008 TOTAL INCHES REMOVED						36	168	232	
2008-2012 IDOT ESTIMATED ADDITIONAL GROWTH						22	57	19	
2012 IDOT ESTIMATED TOTAL INCHES REMOVED						58	225	251	

1 TREE PROTECTION AND REMOVAL SCHEDULE - SHEET LP-1

TREE SPECIES ABBREVIATIONS	SCIENTIFIC NAME	COMMON NAME	TREE SPECIES ABBREVIATIONS	SCIENTIFIC NAME	COMMON NAME
CRSP	Crataegus spp.	Thornless Hawthorn	PLOC	Plantus occidentalis	Sycamore
FRAB	Fraxinus americana (Autumn Blaze)	Autumn Blaze Ash	FOAL	Populus alba	White Poplar
FRPE	Fraxinus pennsylvanica	Green Ash	PODE	Populus deltoides	Eastern Cottonwood
FRQU	Fraxinus quadrangulata	Blue Ash	FRCE	Prunus cerasifera	Cherry Plum
GIBI	Ginkgo biloba	Ginkgo	PRPE	Prunus pensylvanica	Pin Cherry
GLTR	Gleditsia triacanthos inermis	Thornless Common Honeylocust	PRSE	Prunus serotina	Black Cherry
JUNI	Juglans nigra	Black Walnut	PYBR	Pyrus Graft	Bredford Pear
JUVI	Juniperus virginiana	Eastern Red Cedar	QUMA	Quercus macrocarpa	Bur Oak
LALA	Larix laricina	American Larch	QUPA	Quercus palustris	Eastern Pin Oak
LITU	Liriodendron tulipifera	Tulip	QURU	Quercus rubra	Northern Red Oak
MAU	Magnolia x liliiflora (Betty)	Magnolia Betty	QUVE	Quercus velutina	Black Oak
MASP	Malus spp.	Crab Apple	ROPS	Robinia pseudoacacia	Black Locust
MOAL	Morus alba	White Mulberry	SABA	Salix babylonica	Weeping Willow
PIAE	Picea abies	Norway Spruce	SACA	Sambucus canadensis	American Elder
PIBA	Pinus banksiana	Jack Pine	THOC	Thuja occidentalis	Arborvitae
PIGL	Picea glauca	White Spruce	TICO	Tilia cordata	Littleleaf Linden
PIMA	Picea mariana	Black Spruce	TSCA	Tsuga canadensis	Eastern Hemlock
PIMA	Picea mariana	Black Spruce	ULAM	Ulmus americana	American Elm
PIPU	Picea pungens glauca	Colorado Blue Spruce	ULPA	Ulmus parvifolia	Chinese Elm
PIRE	Pinus resinosa	Red Pine	ULPU	Ulmus pumila	Siberian Elm
PIST	Pinus strobus	Eastern White Pine	ULRU	Ulmus rubra	Red Elm
PISY	Pinus sylvestris	Scotch Pine	VILE	Viburnum lentago	Nannyberry Viburnum

3 TREE SPECIES ABBREVIATIONS/4 LETTER CODES

2 TREE PROTECTION AND REMOVAL SCHEDULE - SHEET LP-2

SHEET LP-2		PROTECT	PROTECT	PROTECT	REMOVE	REMOVE	REMOVE	TBD BY ENGINEER	NOTES
ID#	2008 DBH	Species	< 6"	6" - 15"	> 15"	< 6"	6" - 15"	> 15"	
T021	TBD	STUMP						1	Size Unknown (Estimated as 6" Removed for Pay Item)
236	14"	MOAL						1	
237	15"	ACNE						1	
NIC008	28"	CEOC			1				
239	8"	FRPE						1	
238	8"	FRPE						1	
NIC009	8"	ULPU		1					
NIC025	18"	ULPU			1				
NIC026	6"	CEOC		1					
NIC027	24"	ACNE			1				
NIC028	32"	ULPU			1				
NIC029	6"	CEOC		1					
240	28"	FRPE			1				LEGACY TREE
241	14"	ULRU						1	
249	16"	ACNE						1	
252	16"	ULAM						1	
251	22"	COAM						1	
243	22"	AIAL						1	
T024	2"	CEOC				1			
T025	3"	FRSP				1			
T028	TBD	ULSP		1					
T029	TBD	STUMP						1	Size Unknown (Estimated as 6" Removed for Pay Item)
567	26"	CEOC			1				
568	8"	ULAM						1	
565	26"	CEOC			1				
566	30"MS	CEOC			1				
563	24"	PIMA						1	
T030	26"	ULSP			1				
562	20"	ULSP						1	
555	10"	JUNI						1	
553	14"	JUNI						1	
557	10"	ULPU						1	
549	10"	PIPU		1					
556	28"	ACPL						1	
558	TBD	STUMP						1	Size Unknown (Estimated as 6" Removed for Pay Item)
554	34"	ACNE						1	
552	4"	JUVI				1			
548	20"	PIGL			1				
551	10"	JUVI						1	
550	10"	JUVI						1	
545	14"	JUVI						1	
585	18"	PIST						1	
586	14"	PIST						1	
TOTAL TREES			0	5	10	3	15	10	0
2008 TOTAL INCHES REMOVED						9	160	213	
2008-2012 IDOT ESTIMATED ADDITIONAL GROWTH						5	54	17	
2012 IDOT ESTIMATED TOTAL INCHES REMOVED						14	214	230	

TREE PROTECTION AND REMOVAL SCHEDULE NOTES:

GLOSSARY OF TERMS -
1. NIC### - TREE LOCATED ON ADJACENT PRIVATE PROPERTY
2. FOR TBD DBH- ENGINEER TO DETERMINE CALIPER INCH IN FIELD.
3. TBD BY ENGINEER COLUMN: "1" INDICATES ENGINEER TO EVALUATE TREE PROTECTION OR REMOVAL IN FIELD

STUMPS -
1. IN LOCATIONS WHERE EXISTING GRADE IS TO REMAIN, STUMP TO BE CUT ONE FOOT AND BACKFILLED
2. GRIND STUMP PER TREE REMOVAL PAY ITEM BASED ON STUMP CALIPER INCH

TREE REMOVAL -
1. NO WORK REQUIRED WHERE EXISTING GRADE IS CUT 12" OR GREATER

TREE SPECIES ABBREVIATIONS/4 LETTER CODES -
1. SEE SHEET DETAIL 3 ON LP-5

2012 IDOT ESTIMATED TOTAL INCHES REMOVED-
1. TOTAL INCHES PROVIDED FOR IDOT ESTIMATION PURPOSES ONLY.
2. CONTRACTOR MUST FIELD VERIFY AND PROVIDE WITH BID ESTIMATE.
3. (FOR REFERENCE ONLY) IDOT ESTIMATION AVERAGE GROWTH RATES:
LESS THAN 6": 15% GROWTH PER YEAR
6"-15": 8.5% GROWTH PER YEAR
GREATER THAN 15": 2% GROWTH PER YEAR
4. REFERENCE SOURCE: DR. KIM D. CODER-TREE GROWTH RATE TABLE: ANNUAL PERCENTAGE GROWTH, UNIVERSITY OF GEORGIA, 1996.

2008 SURVEY DATA PROVIDED BY: STRATAPOINT, INC., CONTACT: JASON BASS

SHEET LP-3										
ID#	2008 DBH	Species	< 6"	6" - 15"	> 15"	< 6"	6" - 15"	> 15"	TBD BY ENGINEER	NOTES
NIC010	48"	QUMA			1					
267	20"	ULPU						1		
269	4"	MOAL				1				
264	34"	QUMA			1					LEGACY TREE
270	6"	MOAL					1			
271	4"	MOAL				1				
273	4"	MOAL				1				
278	10"	ABCO						1		
279	10"	ABCO						1		
277	10"	ABCO						1		
276	12"	ULPU						1		
272	14"	ULPU						1		
274	TBD	STUMP						1		
275	12"	ULPU						1		
T031	36"	CASP			1					LEGACY TREE
T032	40"	QUMA			1					LEGACY TREE
T085	24"	GLTR			1				1	24" DBH (Estimated as Removed for Pay Item)
T084	28"	TBD			1					
280	12"	ULPU						1		
546	6"	JUVI						1		
547	6"	JUVI						1		
542	18"	PIPU							1	
544	12"	PIPU						1		
543	12"	PIPU						1		
525	30"	ACSA			1					
527	24"	ACSA			1					
530	4"	CASP				1				
541	24"	PLOC							1	
540	32"	ACSA			1					
535	22"	ULAM			1					
538	8"	ACNE						1		
539	8"	ACNE						1		
537	16"	MOAL							1	
536	8"	ULAM							1	
528	18"	PIMA							1	
529	2"	JUNI				1				
531	3"	ULAM				1				
534	3"	ACNE				1				
532	8"	ACNE						1		
533	3"	MOAL				1				
T034	12"	CEOC			1					
524	34"	ACNE							1	
520	26"	CASP							1	
526	8"	AIAL						1		
521	26"	ULPU							1	
522	3.5"	ACPL	1							
T035	28"	ACPL							1	28" DBH (Estimated as Removed for Pay Item)
523	4"	ULPU				1				
T089	TBD	TBD							1	Size Unknown (Estimated as 24" Removed for Pay Item)
T088	TBD	TBD							1	Size Unknown (Estimated as 24" Removed for Pay Item)
T087	TBD	TBD							1	Size Unknown (Estimated as 32" Removed for Pay Item)
T086	28"	QUVE							1	28" DBH (Estimated as Removed for Pay Item)
261	32"	CASP							1	
262	26"	JUNI							1	
NIC037	60"	QUMA			1					
T040	36"	ULAM			1					
NIC036	48"	QUMA			1					
T042	30"	ACSA							1	30" DBH (Estimated as Removed for Pay Item)
286	STUMP	QUPA							1	Estimated as 6" Removed for Pay Item
287	STUMP	QUPA							1	Estimated as 6" Removed for Pay Item
285	STUMP	QUPA							1	Estimated as 6" Removed for Pay Item
284	STUMP	QUPA							1	Estimated as 6" Removed for Pay Item
283	STUMP	QUPA							1	Estimated as 6" Removed for Pay Item
T043	30"	QURU			1					
518	1"	GLTR	1							
517	2"	PIST	1							
516	6"	PIST			1					
519	1"	GLTR	1							
T044	6"	PIST			1					
T045	8"	GLTR			1					
512	10"	GLTR							1	
514	6"	PIST				1				
T046	8"	ACRU						1		
T047	20"	QUSP							1	
292	22"	ACSA							1	
293	4"	AIAL				1				
294	4"	SACA				1				
T048	40"	PLOC							1	
288	20"	CEOC							1	
289	8"	QUMA							1	
290	6"	ACPL							1	
291	25"	ULAM							1	
298	28"	QUMA			1					LEGACY TREE
300	34"	QUMA							1	

1 TREE PROTECTION AND REMOVAL SCHEDULE - SHEET LP-3
TREE NIC010 - 300

SHEET LP-3										
ID#	2008 DBH	Species	< 6"	6" - 15"	> 15"	< 6"	6" - 15"	> 15"	TBD BY ENGINEER	NOTES
T049	20"	QURU							1	20" DBH (Estimated as Removed for Pay Item)
T050	TBD	TBD				1				
T052	24"	JUNI			1					
T053	8"	QUBI			1					
T054	10"	MASP			1					
297	18"	ROPS				1				
296	44"	QUMA				1				
295	32"	QUMA				1				
299	12"	ULAM				1				
NIC041	36"	FRAM						1		
NIC042	6"	FRPE				1				
NIC043	TBD	TBD				1				
NIC044	TBD	TBD				1				
304	24"	ULPU							1	
303	18"	JUNI				1				
302	18"	JUNI				1				
306	22"	ULPU							1	
NIC038	24"	ULSP							1	
NIC039	24"	ULSP				1				
301	6"	ULPU							1	
462	4"	ULPA						1		
461	4"	ULPA						1		
459	4"	ULPA						1		
TOTAL TREES			4	10	25	15	27	20	9	SHEET LP-3
2008 TOTAL INCHES REMOVED						57	220	689		SHEET LP-3
2008-2012 IDOT ESTIMATED ADDITIONAL GROWTH						34	75	55		SHEET LP-3
2012 IDOT ESTIMATED TOTAL INCHES REMOVED						91	295	744		USED FOR SOQ QUANTITY

2 TREE PROTECTION AND REMOVAL SCHEDULE - SHEET LP-3
TREE T049 - TREE 459, SHEET TOTALS

SHEET LP-4										
ID#	2008 DBH	Species	< 6"	6" - 15"	> 15"	< 6"	6" - 15"	> 15"	TBD BY ENGINEER	NOTES
T061	TBD	TBD			1					
T062	TBD	TBD			1					
T063	TBD				1					
T064	TBD				1					
457	6"	FRAB						1		
460	3"	FRAB						1		
T065	TBD	FRSP						1		
T066	TBD							1		
T067	TBD							1		
T068	6"	ACPL			1					
T069	4"	CASP	1							
437	6"	ULPU						1		
444	6"	ULPU						1		
445	6"	ULPU						1		
446	6"	ULPU						1		
436	6"	ULPU						1		
447	6"	ULPU						1		
448	6"	ULPU						1		
438	12"	CASP			1					
435	6"	ULPU						1		
439	12"	CASP			1					
440	1"	QUMA			1					
422	6"	ULPU						1		
421	6"	ULPU						1		
307	14"	ULPU						1		
311	6"	AIAL						1		
309	14"	ULPU						1		
308	14"	ULPU						1		
416	6"	ULPU						1		
417	6"	ULPU						1		
418	6"	ULPU						1		
419	6"	ULPU						1		
428	8"	ULPU						1		
429	6"	ULPU						1		
430	4"	ULPU						1		
431	4"	ULPU						1		
326	4"	ULPU						1		
325	4"	ULPU						1		
324	8"	CASP						1		
322	4"	ULPU						1		
321	4"	ULPU						1		
320	14"	ULPU						1		
319	14"	ULPU						1		
318	10"	CASP						1		
316	10"	ACNE						1		
313	4"	ULPU						1		
312	4"	ULPU						1		
310	8"	ULPU						1		
315	10"	ULPU						1		
317	8"	CASP						1		
314	12"	ULPU						1		
415	6"	ULPU						1		
412	10"	ULPU						1		

3 TREE PROTECTION AND REMOVAL SCHEDULE - SHEET LP-4
TREE 061 - TREE 412

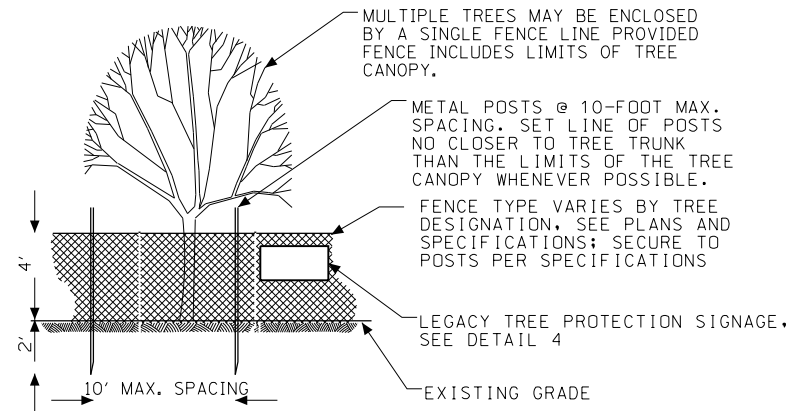
SHEET LP-4										
ID#	2008 DBH	Species	< 6"	6" - 15"	> 15"	< 6"	6" - 15"	> 15"	TBD BY ENGINEER	NOTES
420	6"	ULPU						1		
410	10"	ULPU						1		
442	12"	CASP						1		
408	6"	ULPU						1		
409	6"	ULPU						1		
407	6"	ULPU						1		
414	6"	ULPU						1		
T070	8"	CEOC				1				
T071	20"	CEOC						1		
T072	TBD	TBD				1				
T073	TBD	TBD				1				
T074	TBD	TBD				1				
T075	TBD	TBD				1				
T076	TBD	TBD				1				
T077	TBD	TBD				1				
T078	TBD	TBD				1				
T079	TBD	TBD				1				
T080	TBD	TBD				1				
T081	36"	CASP						1		
T082	30"	ULSP						1		

GENERAL NOTES:

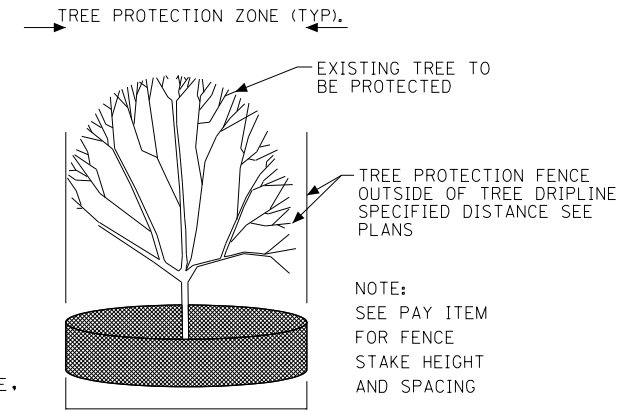
1. ALL TREE PROTECTION FENCING SHOWN ON PLANS SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF CONSTRUCTION AND SHALL BE REMOVED ONLY PER DIRECTION OF THE ENGINEER. THE CONTRACTOR SHALL NOT TRAVERSE NOR STORE ANY MATERIALS OR EQUIPMENT WITHIN THE TREE PROTECTION ZONE
2. ROOT PRUNING MUST BE PERFORMED BY CERTIFIED ARBORIST
3. TREE PROTECTION FENCES MUST CONFORM TO SPECIFICATIONS AND SPECIAL PROVISIONS FOR LEGACY TREE PROTECTION. NO STAGING, TRENCHING, DIGGING, TRAFFIC, RE-GRADING OR OTHER IMPACT IN TREE PROTECTION AREA
4. HAND EXCAVATE OR AIR SPADE ONLY WITHIN TREE PROTECTION AREAS
5. CONTRACTOR TO INSTALL PROPOSED TREE PROTECTION AND RECEIVE APPROVAL FROM ENGINEER PRIOR TO START OF CONSTRUCTION. PROTECTION MUST BE COMPLETED PRIOR TO START OF TREE REMOVAL AND CONSTRUCTION, AND REMAIN FOR THE DURATION OF ALL ROADWAY DEMOLITION, EARTHWORK, EXCAVATION, AND CONSTRUCTION ACTIVITIES
6. FIELD DETERMINATION OF TREE REMOVALS TO BE DIRECTED BY ENGINEER. UNAPPROVED REMOVALS SUBJECT TO LIQUIDATED DAMAGES. SEE BELOW FOR DAMAGES

LIQUIDATED DAMAGES FOR TREE DAMAGE AND UNAUTHORIZED REMOVALS:

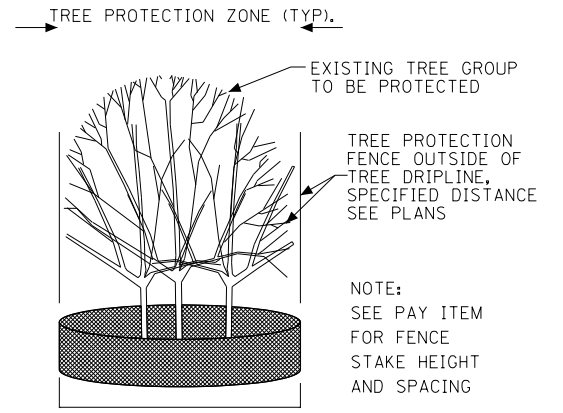
1. FOR DAMAGE OR REMOVAL OF PROTECTED TREES; LIQUIDATED DAMAGES TO BE PAID BY THE CONTRACTOR ON A \$300 PER CALIPER INCH BASIS. THE ENGINEER WILL MAKE FINAL DETERMINATION REGARDING JUDGEMENT TREE DAMAGE
2. DAMAGE AND / OR REMOVAL OF PROTECTED LEGACY TREE; LIQUIDATED DAMAGES OF \$35,000 PER TREE PLUS REMOVAL OF TREE IF DIRECTED BY THE ENGINEER. THE ENGINEER AND CONTRACTOR WILL REVIEW PROTECTED TREES AT PROJECT CLOSEOUT TO DETERMINE TREES WHICH HAVE BEEN DAMAGED; THE ENGINEER WILL MAKE FINAL DETERMINATION OF DAMAGED TREES.
3. DAMAGED LANDSCAPE SOIL AREAS WITHIN LEGACY TREE PROTECTION FENCES; LIQUIDATED DAMAGES OF \$5/SQUARE YARD WILL BE PAID BY THE CONTRACTOR FOR FAILURE TO REMEDIATE PROTECTED SOIL AREAS AS PART OF THIS WORK.



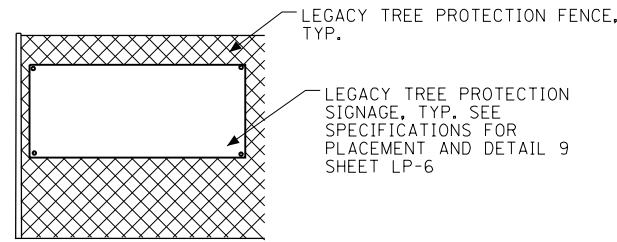
1 LEGACY TREE PROTECTION FENCE NTS



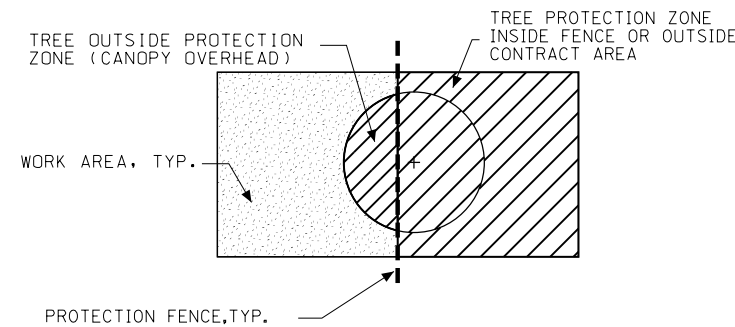
2 TYPICAL TREE PROTECTION FENCE LAYOUT - SINGLE TREE NTS



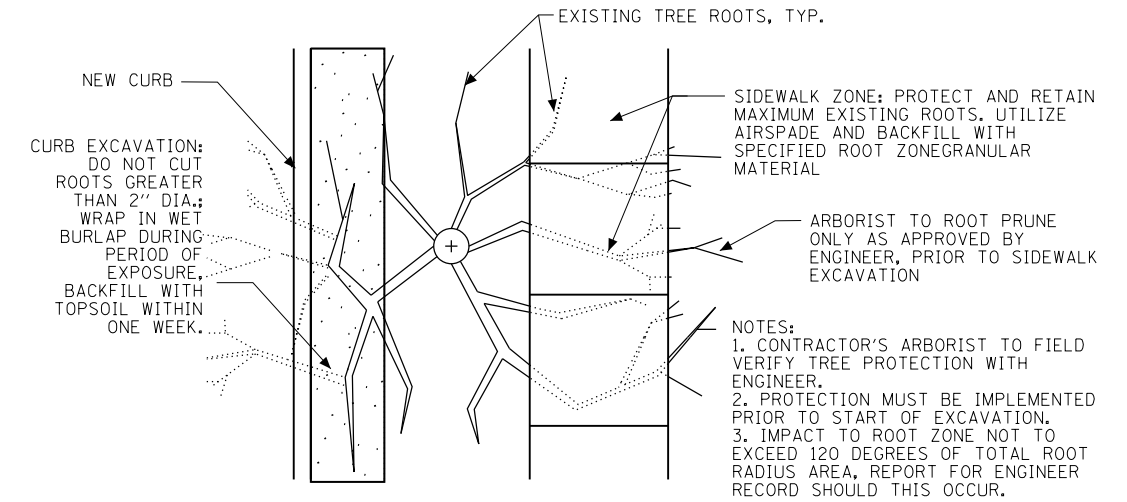
3 TYPICAL TREE PROTECTION FENCE LAYOUT - GROUP NTS



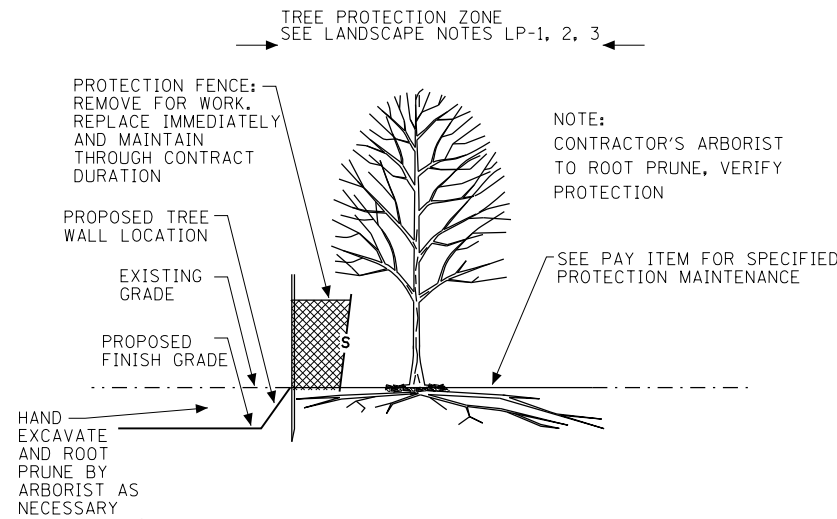
4 LEGACY TREE PROTECTION SIGNAGE NTS



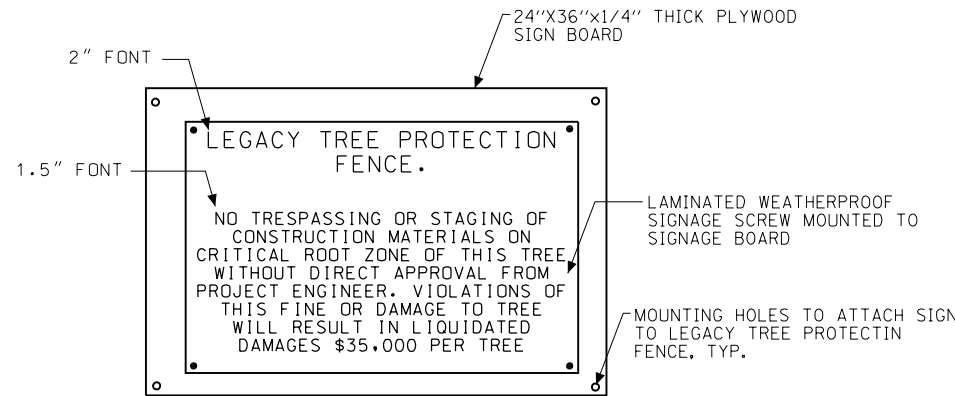
5 TREE PROTECTION ZONE WHERE TREE CANOPY OVERHANGS PROTECTION FENCE, TYP. NTS



6 CURB/PAVEMENT EXCAVATION AREAS DETAIL: ROOT PRUNE EXISTING TREES TO REMAIN NTS



7 PROPOSED GRADING WITHIN/ADJACENT TO PROTECTION ZONE, TYP. NTS



8 LEGACY TREE PROTECTION AREA SIGNAGE DETAIL NTS

FILE NAME =	USER NAME = dossed	DESIGNED - TG	REVISED -
et:\pw\work\p1dot\dossed\0318458\0264750-shr-215.dgn		DRAWN - LD / DP	REVISED -
	PLOT SCALE = 365.8057' / in.	CHECKED - TG	REVISED -
	PLOT DATE = Mon Dec 17 16:00:46 2012	DATE - 2/17/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PROTECTION DETAILS
WEST STATE STREET (US BUS 20)

LP-7

SCALE: N.T.S. SHEET NO. 193 OF 302 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	215
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

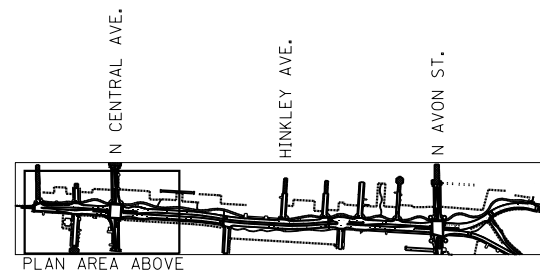
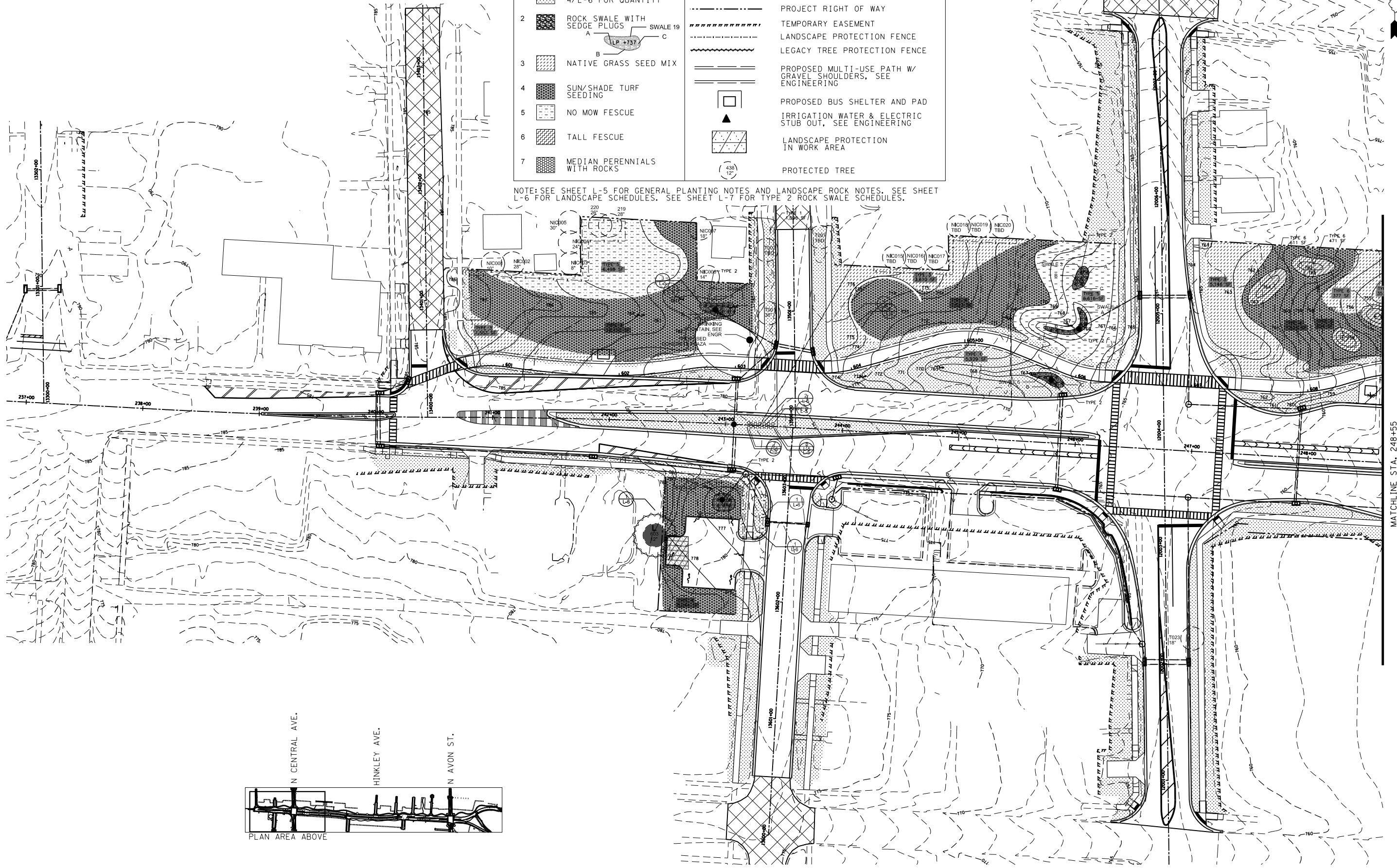
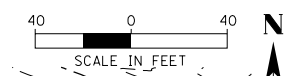
FINAL

LP-7

Legend

PLANTING TYPE	DESCRIPTION	SYMBOL	DESCRIPTION
1	SALT TOLERANT SOD, SEE 4/L-6 FOR QUANTITY	[Symbol]	DRAINAGE INLET, SEE ENGINEERING
2	ROCK SWALE WITH SEDGE PLUGS A LP +737 B C SWALE 19	[Symbol]	SITE GRADING
3	NATIVE GRASS SEED MIX	[Symbol]	PROJECT RIGHT OF WAY
4	SUN/SHADE TURF SEEDING	[Symbol]	TEMPORARY EASEMENT
5	NO MOW FESCUE	[Symbol]	LANDSCAPE PROTECTION FENCE
6	TALL FESCUE	[Symbol]	LEGACY TREE PROTECTION FENCE
7	MEDIAN PERENNIALS WITH ROCKS	[Symbol]	PROPOSED MULTI-USE PATH W/ GRAVEL SHOULDERS, SEE ENGINEERING
		[Symbol]	PROPOSED BUS SHELTER AND PAD
		[Symbol]	IRRIGATION WATER & ELECTRIC STUB OUT, SEE ENGINEERING
		[Symbol]	LANDSCAPE PROTECTION IN WORK AREA
		[Symbol]	PROTECTED TREE

NOTE: SEE SHEET L-5 FOR GENERAL PLANTING NOTES AND LANDSCAPE ROCK NOTES. SEE SHEET L-6 FOR LANDSCAPE SCHEDULES. SEE SHEET L-7 FOR TYPE 2 ROCK SWALE SCHEDULES.



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PLOT DATE = Mon Dec 17 15:59:44 2012		DATE - 2-17-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
WEST STATE STREET (US BUS 20)

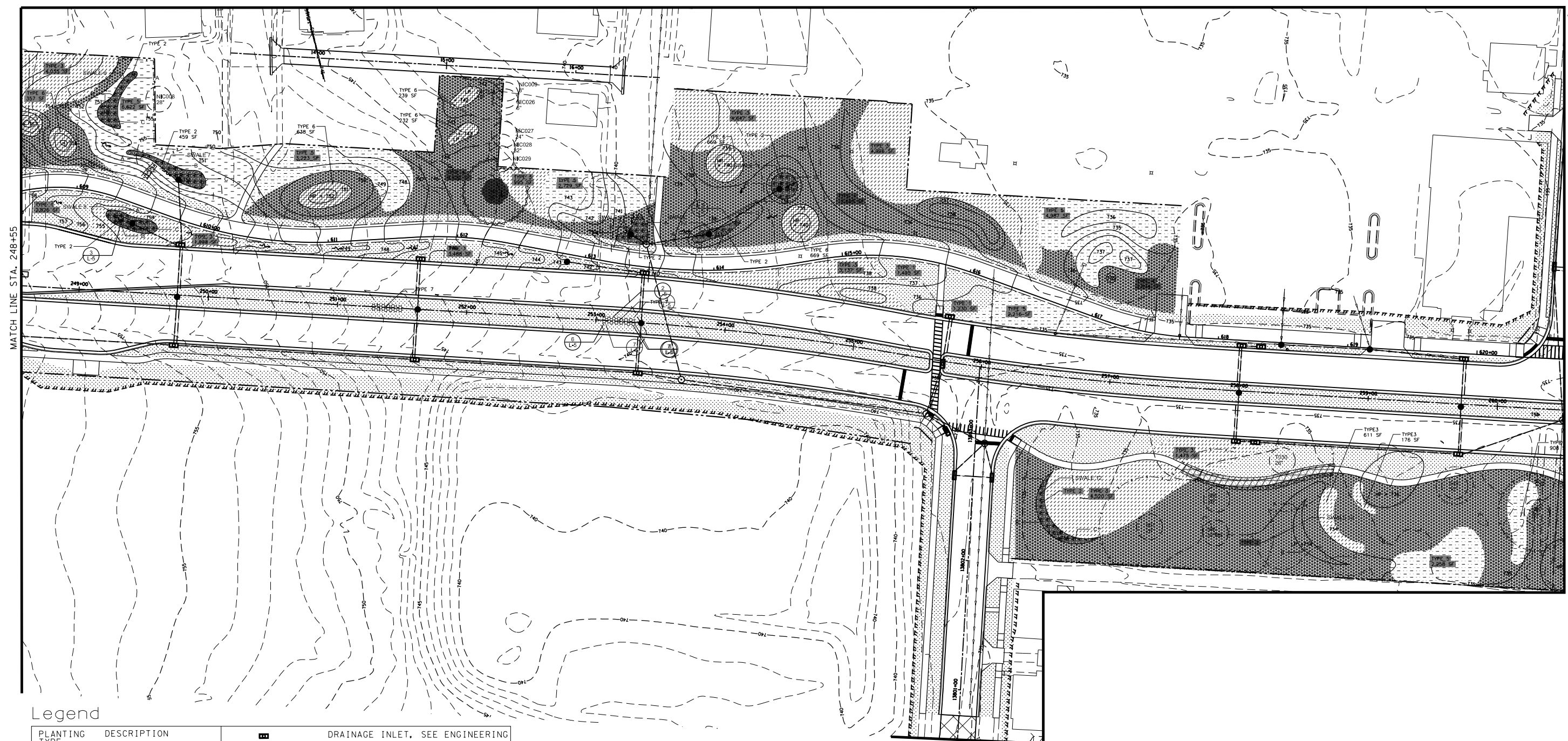
L-1

SCALE: 1" = 40' SHEET NO. 194 OF 302 SHEETS STA. 240+00 TO STA. 248+55

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	216
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

MATCHLINE STA. 248+55

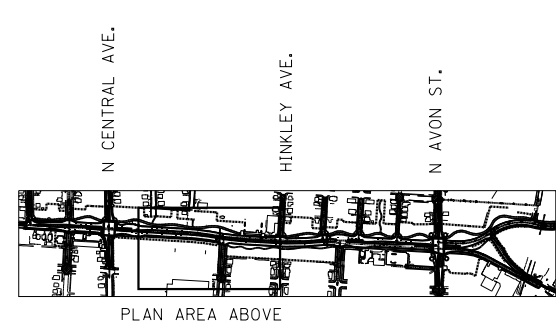
FINAL



Legend

PLANTING TYPE	DESCRIPTION	SYMBOL	DESCRIPTION
1	SALT TOLERANT SOD, SEE 4/L-6 FOR QUANTITY	[Pattern]	DRAINAGE INLET, SEE ENGINEERING
2	ROCK SWALE WITH SEDGE PLUGS A SWALE 19 C B LP +737	[Pattern]	SITE GRADING
3	NATIVE GRASS SEED MIX	[Pattern]	PROJECT RIGHT OF WAY
4	SUN/SHADE TURF SEEDING	[Pattern]	TEMPORARY EASEMENT
5	NO MOW FESCUE	[Pattern]	LANDSCAPE PROTECTION FENCE
6	TALL FESCUE	[Pattern]	LEGACY TREE PROTECTION FENCE
7	MEDIAN PERENNIALS WITH ROCKS	[Pattern]	PROPOSED MULTI-USE PATH W/ GRAVEL SHOULDERS, SEE ENGINEERING
		[Symbol]	PROPOSED BUS SHELTER AND PAD
		[Symbol]	IRRIGATION WATER & ELECTRIC STUB OUT, SEE ENGINEERING
		[Symbol]	LANDSCAPE PROTECTION IN WORK AREA
		[Symbol]	PROTECTED TREE

NOTE: SEE SHEET L-5 FOR GENERAL PLANTING NOTES AND LANDSCAPE ROCK NOTES. SEE SHEET L-6 FOR LANDSCAPE SCHEDULES. SEE SHEET L-7 FOR TYPE 2 ROCK SWALE SCHEDULES.



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		CHECKED - TG	REVISED -
		DATE - 2-17-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

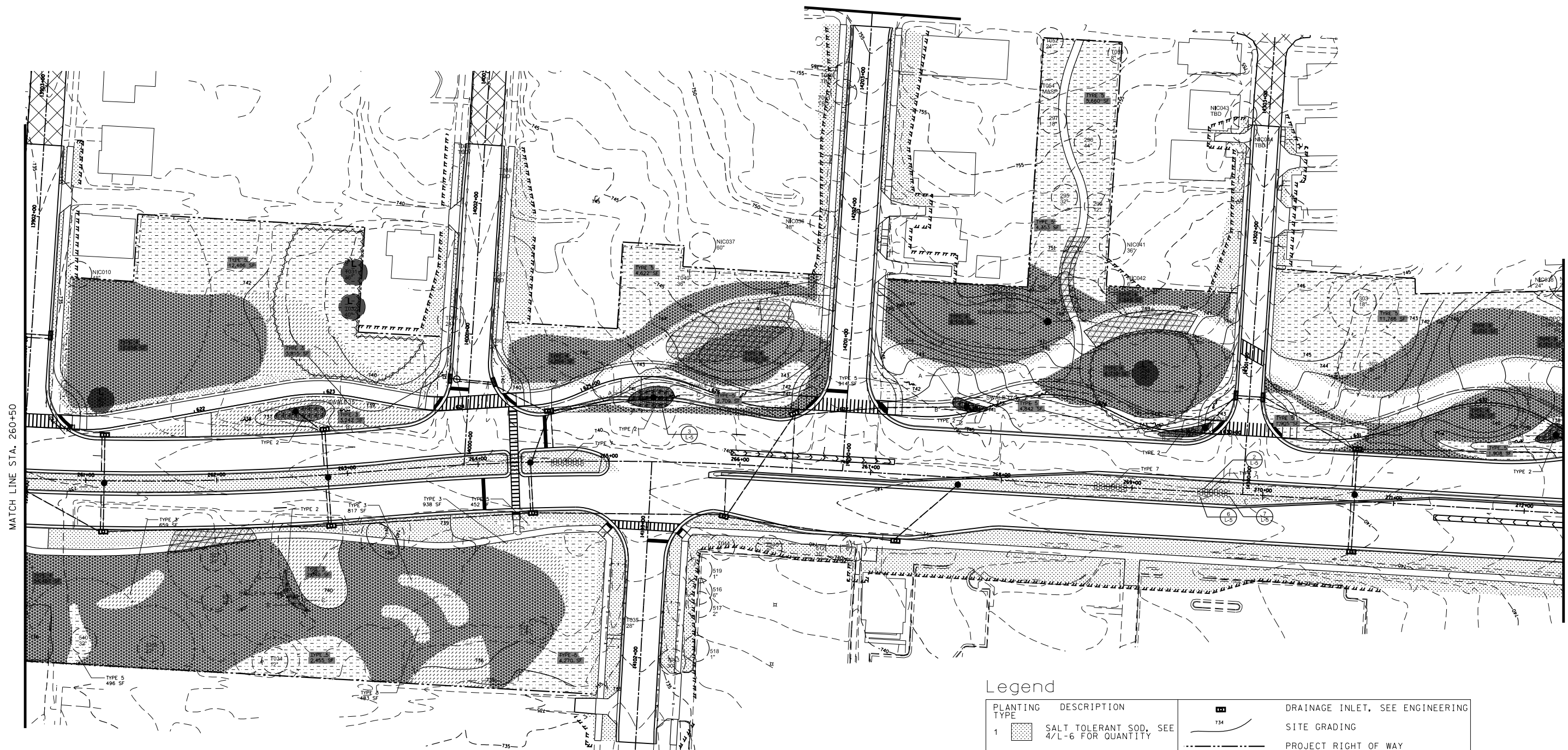
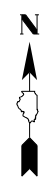
LANDSCAPE PLAN
WEST STATE STREET (US BUS 20)

L-2

SCALE: 1" = 40' SHEET NO. 195 OF 302 SHEETS STA. 248+55 TO STA. 260+50

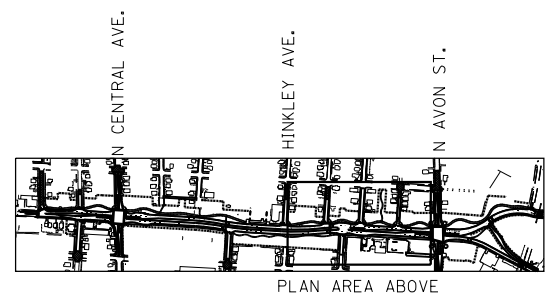
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	217
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

FINAL



MATCH LINE STA. 260+50

MATCH LINE STA. 272+50



Legend

PLANTING TYPE	DESCRIPTION	SYMBOL	DESCRIPTION
1	SALT TOLERANT SOD, SEE 4/L-6 FOR QUANTITY	[Pattern]	DRAINAGE INLET, SEE ENGINEERING
2	ROCK SWALE WITH SEDGE PLUGS A SWALE 19 B C LP +737	[Pattern]	SITE GRADING
3	NATIVE GRASS SEED MIX	[Pattern]	PROJECT RIGHT OF WAY
4	SUN/SHADE TURF SEEDING	[Pattern]	TEMPORARY EASEMENT
5	NO MOW FESCUE	[Pattern]	LANDSCAPE PROTECTION FENCE
6	TALL FESCUE	[Pattern]	LEGACY TREE PROTECTION FENCE
7	MEDIAN PERENNIALS WITH ROCKS	[Pattern]	PROPOSED MULTI-USE PATH W/ GRAVEL SHOULDERS, SEE ENGINEERING
		[Symbol]	PROPOSED BUS SHELTER AND PAD
		[Symbol]	IRRIGATION WATER & ELECTRIC STUB OUT, SEE ENGINEERING
		[Symbol]	LANDSCAPE PROTECTION IN WORK AREA
		[Symbol]	PROTECTED TREE

NOTE: SEE SHEET L-5 FOR GENERAL PLANTING NOTES AND LANDSCAPE ROCK NOTES. SEE SHEET L-6 FOR LANDSCAPE SCHEDULES. SEE SHEET L-7 FOR TYPE 2 ROCK SWALE SCHEDULES.

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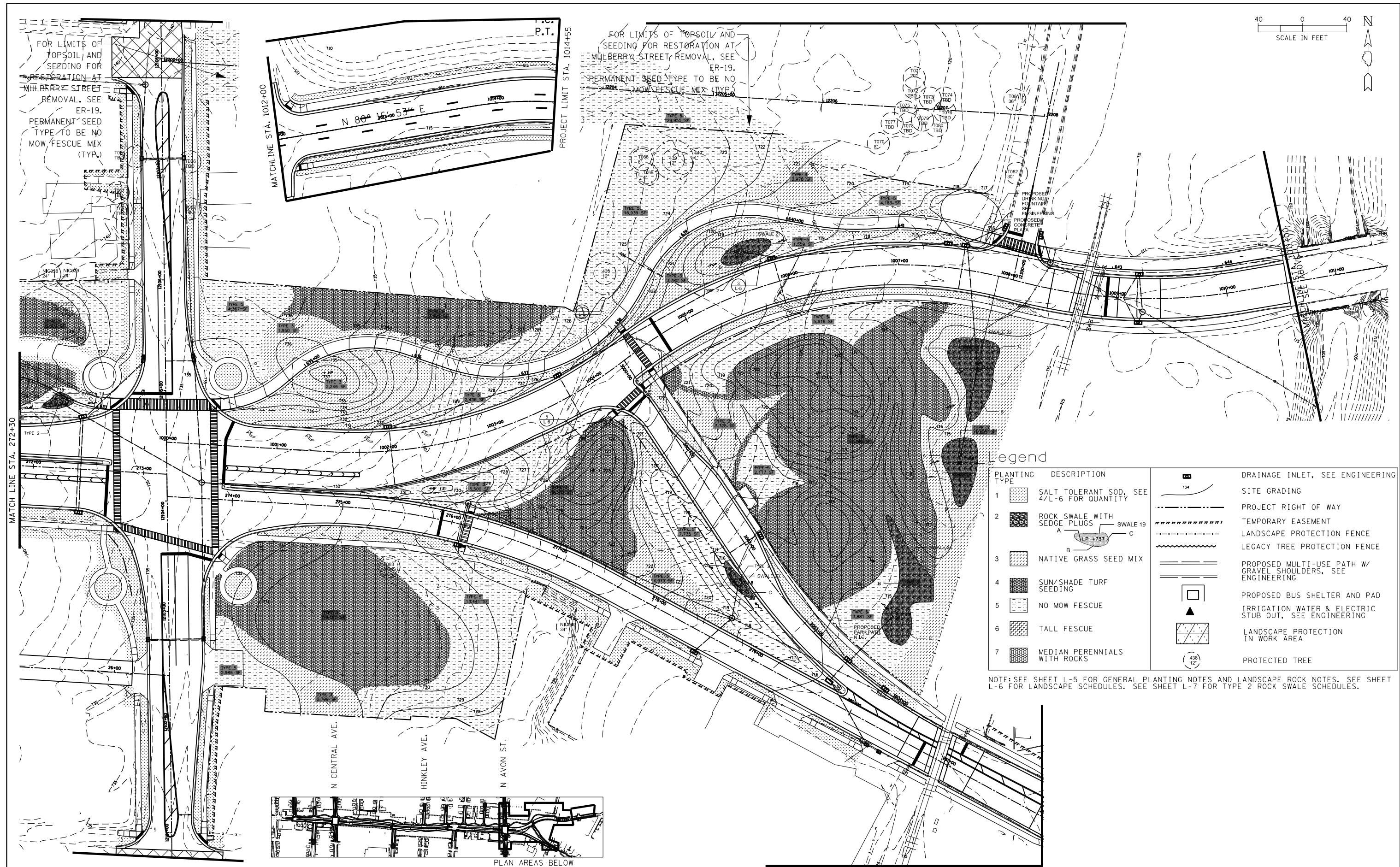
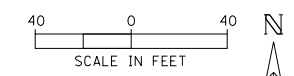
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
WEST STATE STREET (US BUS 20)

L-3

SCALE: 1" = 40' SHEET NO. 196 OF 302 SHEETS STA. 260+50 TO STA. 272+30

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	218
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

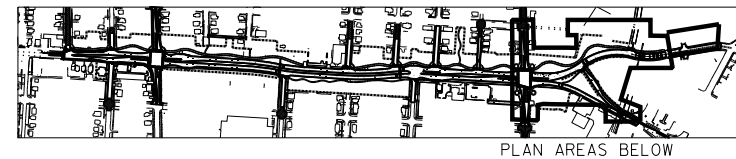


FOR LIMITS OF TOPSOIL AND SEEDING FOR RESTORATION AT MULBERRY STREET REMOVAL, SEE ER-19. PERMANENT SEED TYPE TO BE NO MOW FESCUE MIX (TYP.)

FOR LIMITS OF TOPSOIL AND SEEDING FOR RESTORATION AT MULBERRY STREET REMOVAL, SEE ER-19. PERMANENT SEED TYPE TO BE NO MOW FESCUE MIX (TYP.)

PLANTING TYPE	DESCRIPTION	SYMBOL	DESCRIPTION
1	SALT TOLERANT SOD, SEE 4/L-6 FOR QUANTITY	[Hatched pattern]	DRAINAGE INLET, SEE ENGINEERING
2	ROCK SWALE WITH SEDGE PLUGS	[Hatched pattern]	SITE GRADING
3	NATIVE GRASS SEED MIX	[Hatched pattern]	PROJECT RIGHT OF WAY
4	SUN/SHADE TURF SEEDING	[Hatched pattern]	TEMPORARY EASEMENT
5	NO MOW FESCUE	[Hatched pattern]	LANDSCAPE PROTECTION FENCE
6	TALL FESCUE	[Hatched pattern]	LEGACY TREE PROTECTION FENCE
7	MEDIAN PERENNIALS WITH ROCKS	[Hatched pattern]	PROPOSED MULTI-USE PATH W/ GRAVEL SHOULDERS, SEE ENGINEERING
		[Square symbol]	PROPOSED BUS SHELTER AND PAD
		[Triangle symbol]	IRRIGATION WATER & ELECTRIC STUB OUT, SEE ENGINEERING
		[Hatched pattern]	LANDSCAPE PROTECTION IN WORK AREA
		[Circle symbol]	PROTECTED TREE

NOTE: SEE SHEET L-5 FOR GENERAL PLANTING NOTES AND LANDSCAPE ROCK NOTES. SEE SHEET L-6 FOR LANDSCAPE SCHEDULES. SEE SHEET L-7 FOR TYPE 2 ROCK SWALE SCHEDULES.



FILE NAME =	USER NAME = dosddd	DESIGNED - TG	REVISED -
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		CHECKED - TG	REVISED -
		DATE - 2-17-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
WEST STATE STREET (US BUS 20)

L-4

SCALE: 1" = 40' SHEET NO. 197 OF 302 SHEETS STA. 272+30 TO STA. 1014+55

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	219
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

FINAL

				SWALE #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOTAL SF		
				TOTAL SWALE AREA (SF)	290	246	190	225	204	440	460	400	332	242	322	458	410	152	353	451	171	226	270	313	662	2110	1395	2377	12699		
ROCK TYPE	% TOTAL OF SWALE AREA	DESCRIPTION	SIZE (FOOT DIMENSION)	1CY=1.4 TONS CONVERSION FACTOR	QTY OF EACH TYPE ROCK PER SWALE IN TONS																								TOTAL TONS PER ROCK TYPE	TOTAL ROCK TYPES ALL SWALES	
W 1, 2, 3	15%	NATIVE ROCKFORD LIMESTONE ROCK	2	0.21	18.04	15.31	11.82	14.00	12.69	27.38	28.62	24.89	20.66	15.06	20.04	28.50	25.51	9.46	21.96	28.06	10.64	14.06	16.80	19.48	41.19	131.29	86.80	147.90	790.16	790.16	
		PLACE ONE LAYER OF 2" ROCK PER AREA			9.02	7.65	5.91	7.00	6.35	13.69	14.31	12.44	10.33	7.53	10.02	14.25	12.76	4.73	10.98	14.03	5.32	7.03	8.40	9.74	20.60	65.64	43.40	75.95	395.08		395.08
		NOTE TONNAGE CALCULATION IS BASED UPON 2ft x 2ft. x 2ft. STONE DIMENSION.			4.51	3.83	2.96	3.50	3.17	6.84	7.16	6.22	5.16	3.76	5.01	7.12	6.38	2.36	5.49	7.02	2.66	3.52	4.20	4.87	10.30	32.82	21.70	36.98	197.54		
X	35%	NATIVE ROCKFORD LIMESTONE ROCK	1	0.05	5.26	4.46	3.45	4.08	3.70	7.99	8.35	7.26	6.03	4.39	5.84	8.31	7.44	2.76	6.41	8.18	3.10	4.10	4.90	5.68	12.01	38.29	25.32	43.14	230.46		
Y	20%	NATIVE ROCKFORD LIMESTONE ROCK	0.5	0.03	0.75	0.64	0.49	0.58	0.53	1.14	1.19	1.04	0.86	0.63	0.83	1.19	1.06	0.39	0.92	1.17	0.44	0.59	0.70	0.81	1.72	5.47	3.62	6.16	32.92		
Z	15%	NATIVE ROCKFORD LIMESTONE GRAVEL MULCH	0.25	1.4	0.56	0.48	0.37	0.44	0.40	0.86	0.89	0.78	0.65	0.47	0.63	0.89	0.80	0.30	0.69	0.88	0.33	0.44	0.53	0.61	1.29	4.10	2.71	4.62	24.69		
				TOTAL TONS PER SWALE:	42.67	36.19	27.95	33.10	30.01	64.74	67.68	58.85	48.85	35.61	47.38	67.39	60.32	22.36	51.94	66.36	25.16	33.25	39.73	46.05	97.40	310.44	205.25	349.73	1868.40		

1
L-7 PLANTING TYPE 2 BOULDER AND ROCK SCHEDULE
NTS

				SWALE #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOTAL SF
				TOTAL SWALE AREA (SF)	290	246	190	225	204	440	460	400	332	242	322	458	410	152	353	451	171	226	270	313	652	2110	1395	2377	12699
SEDGE GROUP	% OF TOTAL SWALE AREA	SPECIES	RATE	8" O.C. SPACING = 2.6 PLUGS/SF	QTY OF EACH TYPE PLANT PER PLANTING GROUP																								TOTALS:
A	7%	CALAMAGROSTIS CANADENSIS (BLUE JOINT GRASS)	10%	2.6	5	4	3	4	4	8	8	7	6	4	6	8	7	3	6	8	3	4	5	6	12	38	25	43	231
		CAREX BEBII (BEBB'S OVAL SEDGE)	20%	2.6	11	9	7	8	7	16	17	15	12	9	12	17	15	6	13	16	6	8	10	11	24	77	51	87	462
		CAREX COMOSA (LONG HAIR SEDGE)	15%	2.6	8	7	5	6	6	12	13	11	9	7	9	13	11	4	10	12	5	6	7	9	18	58	38	65	347
		CAREX HYSTRICINA (BOTTLE BRUSH SEDGE)	15%	2.6	8	7	5	6	6	12	13	11	9	7	9	13	11	4	10	12	5	6	7	9	18	58	38	65	347
		CAREX LACUSTRIS (LAKE BANK SEDGE)	15%	2.6	8	7	5	6	6	12	13	11	9	7	9	13	11	4	10	12	5	6	7	9	18	58	38	65	347
		CAREX PELLITA (WOOLY SEDGE)	15%	2.6	8	7	5	6	6	12	13	11	9	7	9	13	11	4	10	12	5	6	7	9	18	58	38	65	347
		CAREX STRICTA (TUSSOCK SEDGE)	10%	2.6	5	4	3	4	4	8	8	7	6	4	6	8	7	3	6	8	3	4	5	6	12	38	25	43	231
B	9%	CALAMAGROSTIS CANADENSIS (BLUE JOINT GRASS)	10%	2.6	7	6	4	5	5	10	11	9	8	6	8	11	10	4	8	11	4	5	6	7	15	49	33	56	297
		CAREX BEBII (BEBB'S OVAL SEDGE)	20%	2.6	14	12	9	11	10	21	22	19	16	11	15	21	19	7	17	21	8	11	13	15	31	99	65	111	594
		CAREX COMOSA (LONG HAIR SEDGE)	15%	2.6	10	9	7	8	7	15	16	14	12	8	11	16	14	5	12	16	6	8	9	11	23	74	49	83	446
		CAREX HYSTRICINA (BOTTLE BRUSH SEDGE)	15%	2.6	10	9	7	8	7	15	16	14	12	8	11	16	14	5	12	16	6	8	9	11	23	74	49	83	446
		CAREX LACUSTRIS (LAKE BANK SEDGE)	15%	2.6	10	9	7	8	7	15	16	14	12	8	11	16	14	5	12	16	6	8	9	11	23	74	49	83	446
		CAREX PELLITA (WOOLY SEDGE)	15%	2.6	10	9	7	8	7	15	16	14	12	8	11	16	14	5	12	16	6	8	9	11	23	74	49	83	446
		CAREX STRICTA (TUSSOCK SEDGE)	10%	2.6	7	6	4	5	5	10	11	9	8	6	8	11	10	4	8	11	4	5	6	7	15	49	33	56	297
C	14%	CALAMAGROSTIS CANADENSIS (BLUE JOINT GRASS)	10%	2.6	11	9	7	8	7	16	17	15	12	9	12	17	15	6	13	16	6	8	10	11	24	77	51	87	462
		CAREX BEBII (BEBB'S OVAL SEDGE)	20%	2.6	21	18	14	16	15	32	33	29	24	18	23	33	30	11	26	33	12	16	20	23	48	154	102	173	924
		CAREX COMOSA (LONG HAIR SEDGE)	15%	2.6	16	13	10	12	11	24	25	22	18	13	18	25	22	8	19	25	9	12	15	17	36	115	76	130	693
		CAREX HYSTRICINA (BOTTLE BRUSH SEDGE)	15%	2.6	16	13	10	12	11	24	25	22	18	13	18	25	22	8	19	25	9	12	15	17	36	115	76	130	693
		CAREX LACUSTRIS (LAKE BANK SEDGE)	15%	2.6	16	13	10	12	11	24	25	22	18	13	18	25	22	8	19	25	9	12	15	17	36	115	76	130	693
		CAREX PELLITA (WOOLY SEDGE)	15%	2.6	16	13	10	12	11	24	25	22	18	13	18	25	22	8	19	25	9	12	15	17	36	115	76	130	693
		CAREX STRICTA (TUSSOCK SEDGE)	10%	2.6	11	9	7	8	7	16	17	15	12	9	12	17	15	6	13	16	6	8	10	11	24	77	51	87	462
				TOTAL PLUGS PER SWALE:	226	192	148	176	159	343	359	312	259	189	251	357	320	119	275	352	133	176	211	244	516	1646	1088	1854	9905

NOTE: QTY OF EACH TYPE PLANT IN PLUGS PER PLANTING GROUP = SF SWALE AREA x GROUP ABC% x RATE% x 2.6 PLANTS/SF

2
L-7 PLANTING TYPE 2 PERENNIAL PLANT SCHEDULE
NTS

GENERAL NOTES

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING THIS PROJECT.
- ALL NEW EQUIPMENT, UNIT DUCT, CONDUIT AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY; THE ACTUAL LOCATION IN THE FIELD SHALL BE VERIFIED WITH APPROVAL OF THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- NO MATERIAL OR EQUIPMENT SHALL BE DELIVERED TO THE JOB SITE PRIOR TO SHOP DRAWING APPROVAL BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL THE LIGHT POLES AND LIGHTING CONTROLLERS. THE ENGINEER SHALL EXAMINE THE PROPOSED LOCATIONS AND SHALL CONFIRM THEM BEFORE THE LIGHT POLES AND LIGHTING CONTROLLERS ARE INSTALLED.
- LUMINAIRES SHALL BE INSTALLED ON LIGHT STANDARDS AT THE SAME TIME THE LIGHT STANDARDS ARE ERECTED.
- ALL LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS AS DIRECTED BY THE ENGINEER. LIGHTING UNIT NUMBERING SHALL BE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
- 400 WATT METAL HALIDE AND 70W METAL HALIDE ORNAMENTAL LUMINAIRES SHALL BE INSTALLED ON DECORATIVE ALUMINUM LIGHT POLES AT 40FT AND 16FT ABOVE BASE, RESPECTIVELY AS SHOWN ON POLE AND WIRING DETAILS. MAST ARM LENGTH FOR 400W LUMINAIRE SHALL BE AS NOTED ON PLANS. BRACKET ARM FOR 70W LUMINAIRE SHALL BE 2FT AS NOTED IN POLE DETAILS. BANNER ARMS SHALL BE INSTALLED AS SHOWN ON POLE AND WIRING DETAILS. SEE PLAN SHEETS TO DETERMINE WHICH POLES HAVE 70 WATT METAL HALIDE LUMINAIRE ATTACHED.
- 70 WATT METAL HALIDE ORNAMENTAL LUMINAIRES SHALL BE INSTALLED ON DECORATIVE ALUMINUM POLE AT 16FT ABOVE BASE ON 20 1/4" BRACKET ARM.
- THE PROPOSED LIGHT POLES SHALL BE INSTALLED MINIMUM 10FT FROM EDGE OF ROADWAY TRAVELLED PAVEMENT AND MINIMUM 4FT FROM EDGE OF BIKE PATH UNLESS NOTED OTHERWISE. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS.

LIGHTING BILL OF MATERIALS

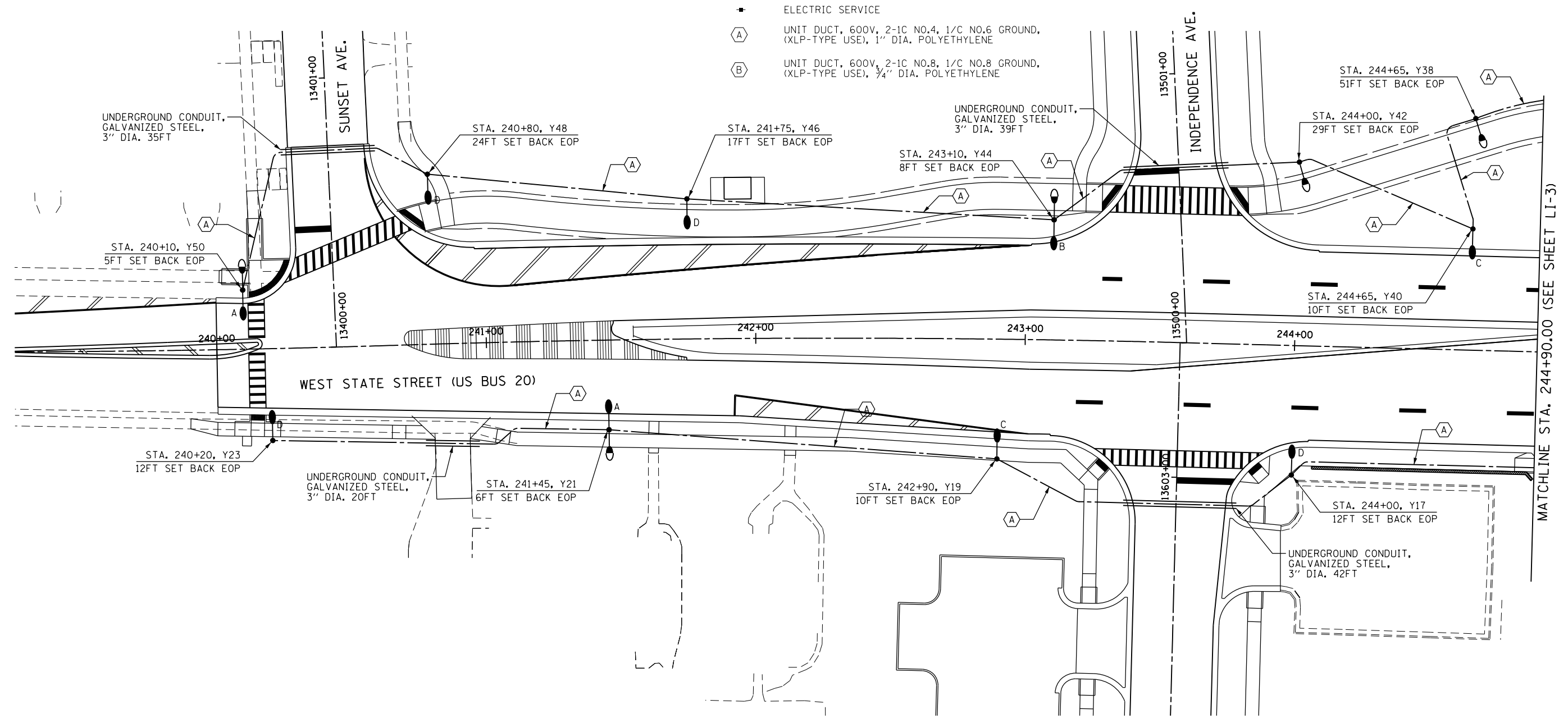
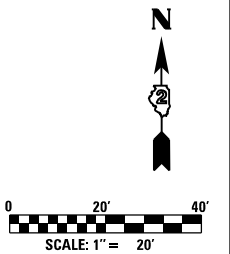
PAY ITEM	DESCRIPTION	UNITS	QUANTITY
80500100	ELECTRIC SERVICE INSTALLATION, TYPE A	EACH	2
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1467
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
81603000	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	4045
81603030	UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	7975
82500380	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP	EACH	2
83008200	LIGHT POLE, ALUMINUM, 40 FT. M.H., 6 FT. MAST ARM	EACH	17
83008300	LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM	EACH	7
83008400	LIGHT POLE, ALUMINUM, 40 FT. M.H., 10 FT. MAST ARM	EACH	37
83008500	LIGHT POLE, ALUMINUM, 40 FT. M.H., 12 FT. MAST ARM	EACH	11
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	165
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	684
X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	33
X8210677	LUMINAIRE, METAL HALIDE, HORIZONTAL MOUNT, 400 WATT, SPECIAL	EACH	64
*2000287	LUMINAIRE, METAL HALIDE, HORIZONTAL MOUNT, 70 WATT, SPECIAL	EACH	49

FILE NAME =	USER NAME = dossdd	DESIGNED - DJ	REVISED -
et:\pwork\pwork\dot\dossdd\0317625\0264750-shd-light-223.dgn		DRAWN - CM	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED - GR	REVISED -
	PLOT DATE = Mon Dec 17 16:07:17 2012	DATE - \$SUBDATE\$	REVISED -

LEGEND

- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, AND 70W METAL HALIDE LUMINAIRE, 16FT MH, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B ON SHEET LD-3.
- LIGHTING UNIT: 70W METAL HALIDE LUMINAIRE, 16FT MH. SEE DETAIL A ON SHEET LD-3.
- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B AND NOTE 3 ON SHEET LD-3.
- A = 6FT MAST ARM
B = 8FT MAST ARM
C = 10FT MAST ARM
D = 12FT MAST ARM
- INSTALL HANDHOLE PER IDOT STD. DWG. #814001-02
- UNIT DUCT: SIZE AND TYPE AS NOTED
- UNDERGROUND CONDUIT, GALVANIZED STEEL, SIZE AND LENGTH AS INDICATED
- PROPOSED LIGHTING CONTROLLER
- ELECTRIC SERVICE
- UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

CIRCUIT DESIGNATION
 POLE STATION
 STA. XXX+XX, Y1
 POLE NO.
 CONTROLLER DESIGNATION



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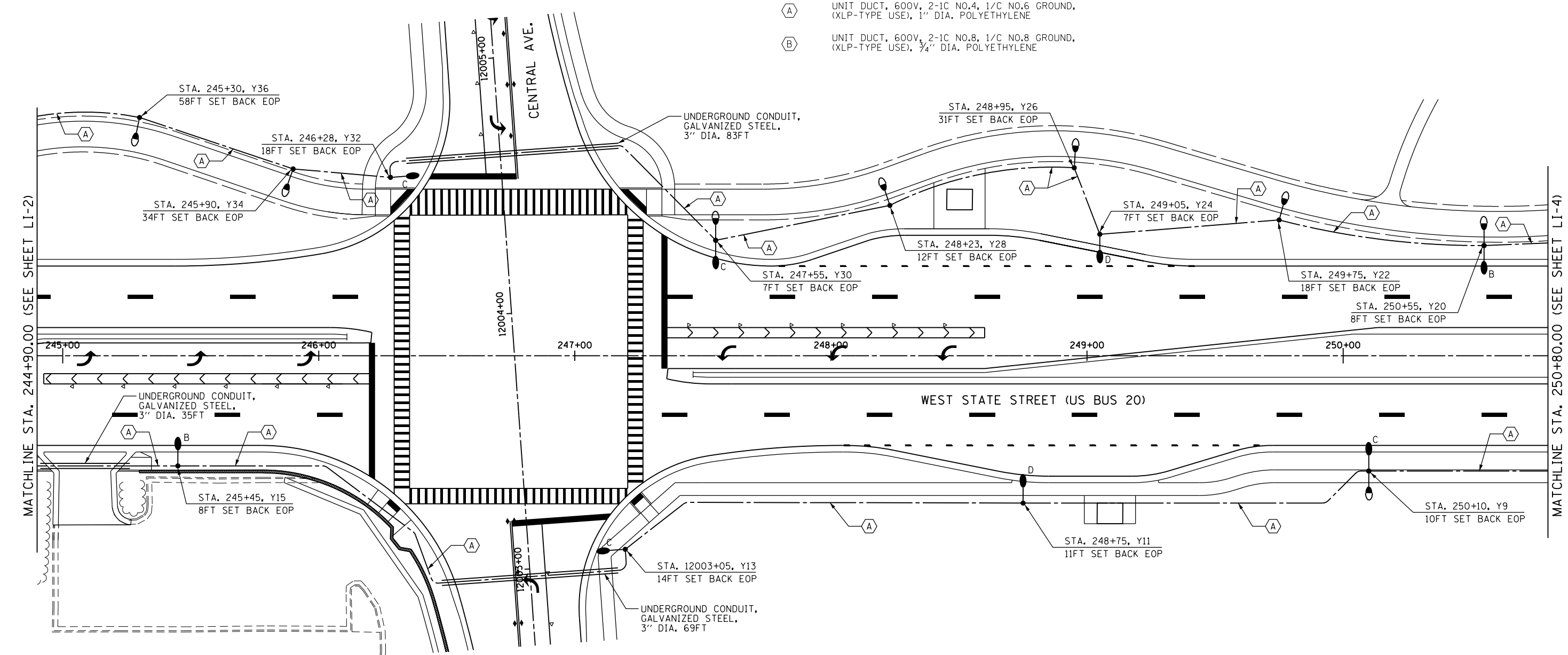
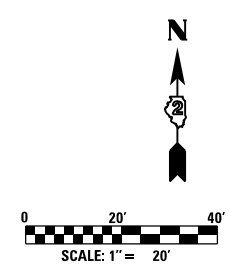
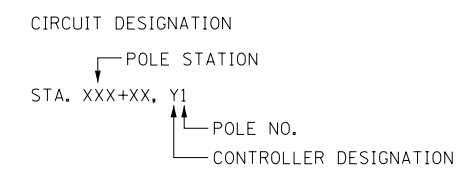
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN WEST STATE STREET (US BUS 20)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	224
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

LEGEND

- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, AND 70W METAL HALIDE LUMINAIRE, 16FT MH. POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B ON SHEET LD-3.
- LIGHTING UNIT: 70W METAL HALIDE LUMINAIRE, 16FT MH. SEE DETAIL A ON SHEET LD-3.
- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B AND NOTE 3 ON SHEET LD-3.
- A = 6FT MAST ARM
B = 8FT MAST ARM
C = 10FT MAST ARM
D = 12FT MAST ARM
- INSTALL HANDHOLE PER IDOT STD. DWG. #814001-02
- UNIT DUCT: SIZE AND TYPE AS NOTED
- UNDERGROUND CONDUIT, GALVANIZED STEEL, SIZE AND LENGTH AS INDICATED
- PROPOSED LIGHTING CONTROLLER
- ELECTRIC SERVICE
- UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE



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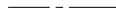
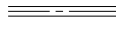




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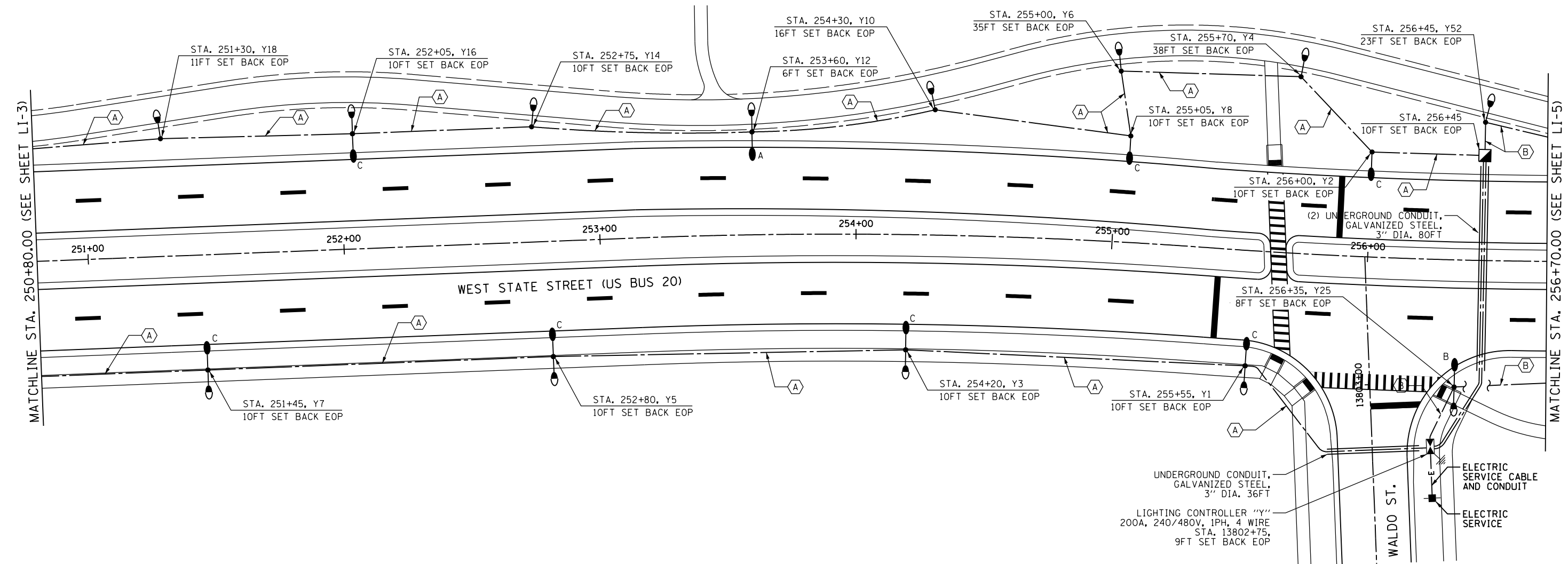
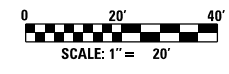
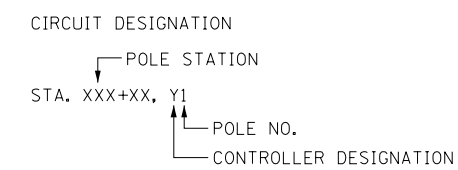
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN			
WEST STATE STREET (US BUS 20)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	225
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

LEGEND

-  LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, AND 70W METAL HALIDE LUMINAIRE, 16FT MH, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B ON SHEET LD-3.
-  LIGHTING UNIT: 70W METAL HALIDE LUMINAIRE, 16FT MH. SEE DETAIL A ON SHEET LD-3.
-  LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B AND NOTE 3 ON SHEET LD-3.
- A = 6FT MAST ARM
B = 8FT MAST ARM
C = 10FT MAST ARM
D = 12FT MAST ARM
-  INSTALL HANDHOLE PER IDOT STD. DWG. #814001-02
-  UNIT DUCT: SIZE AND TYPE AS NOTED
-  UNDERGROUND CONDUIT, GALVANIZED STEEL, SIZE AND LENGTH AS INDICATED
-  PROPOSED LIGHTING CONTROLLER
-  ELECTRIC SERVICE
-  UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
-  UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION





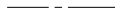
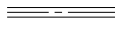




LIGHTING PLAN
WEST STATE STREET (US BUS 20)

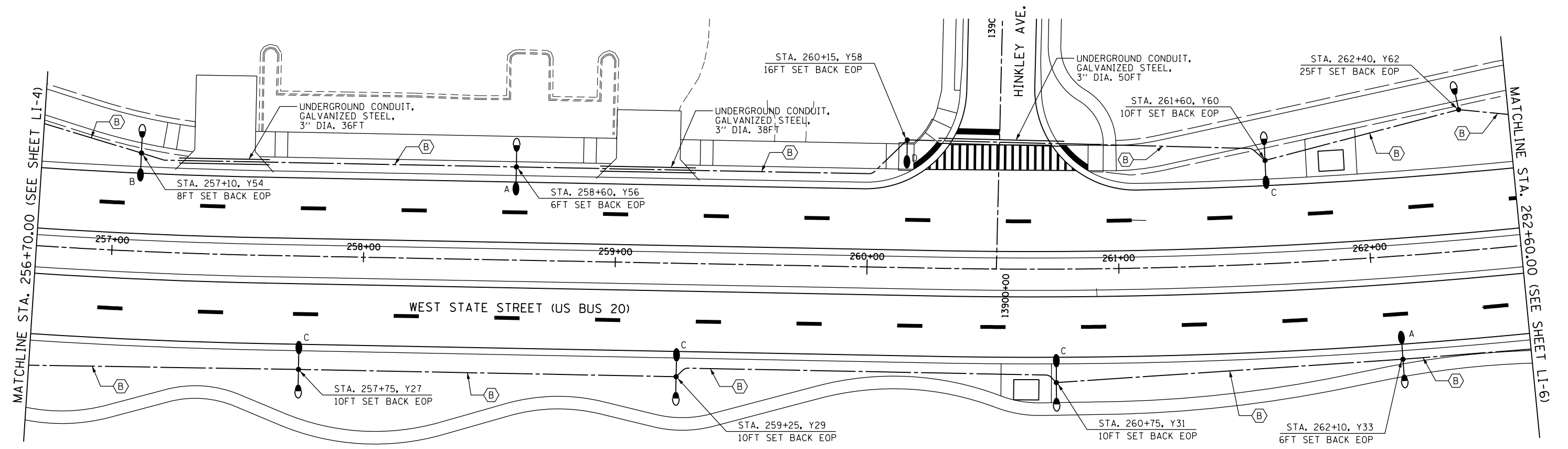
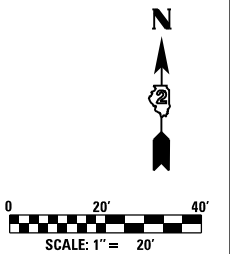
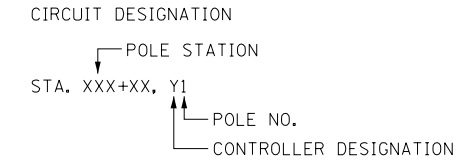
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	226
CONTRACT NO. 64750				

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

LEGEND

-  LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, AND 70W METAL HALIDE LUMINAIRE, 16FT MH, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B ON SHEET LD-3.
 -  LIGHTING UNIT: 70W METAL HALIDE LUMINAIRE, 16FT MH. SEE DETAIL A ON SHEET LD-3.
 -  LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B AND NOTE 3 ON SHEET LD-3.
- A = 6FT MAST ARM
 B = 8FT MAST ARM
 C = 10FT MAST ARM
 D = 12FT MAST ARM
-  INSTALL HANDHOLE PER IDOT STD. DWG. #814001-02
 -  UNIT DUCT: SIZE AND TYPE AS NOTED
 -  UNDERGROUND CONDUIT, GALVANIZED STEEL, SIZE AND LENGTH AS INDICATED
 -  PROPOSED LIGHTING CONTROLLER
 -  ELECTRIC SERVICE
 -  UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
 -  UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE



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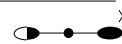



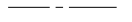
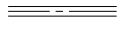




STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
WEST STATE STREET (US BUS 20)




SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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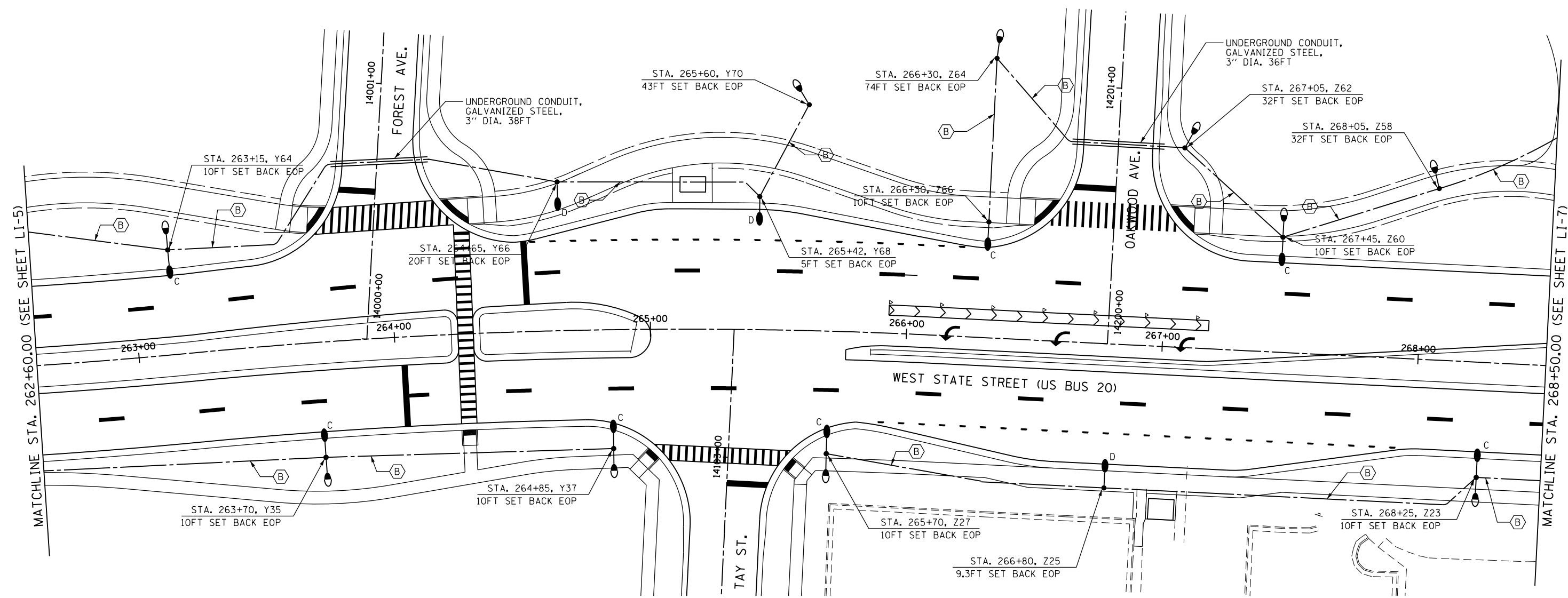
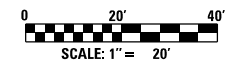
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	227
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

LEGEND

-  LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, AND 70W METAL HALIDE LUMINAIRE, 16FT MH, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B ON SHEET LD-3.
-  LIGHTING UNIT: 70W METAL HALIDE LUMINAIRE, 16FT MH. SEE DETAIL A ON SHEET LD-3.
-  LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B AND NOTE 3 ON SHEET LD-3.
- A = 6FT MAST ARM
B = 8FT MAST ARM
C = 10FT MAST ARM
D = 12FT MAST ARM
-  INSTALL HANDHOLE PER IDOT STD. DWG. #814001-02
-  UNIT DUCT: SIZE AND TYPE AS NOTED
-  UNDERGROUND CONDUIT, GALVANIZED STEEL, SIZE AND LENGTH AS INDICATED
-  PROPOSED LIGHTING CONTROLLER
-  ELECTRIC SERVICE
-  UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
-  UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

CIRCUIT DESIGNATION

-  POLE STATION
- STA. XXX+XX, Y1
-  POLE NO.
-  CONTROLLER DESIGNATION



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLAN
WEST STATE STREET (US BUS 20)**

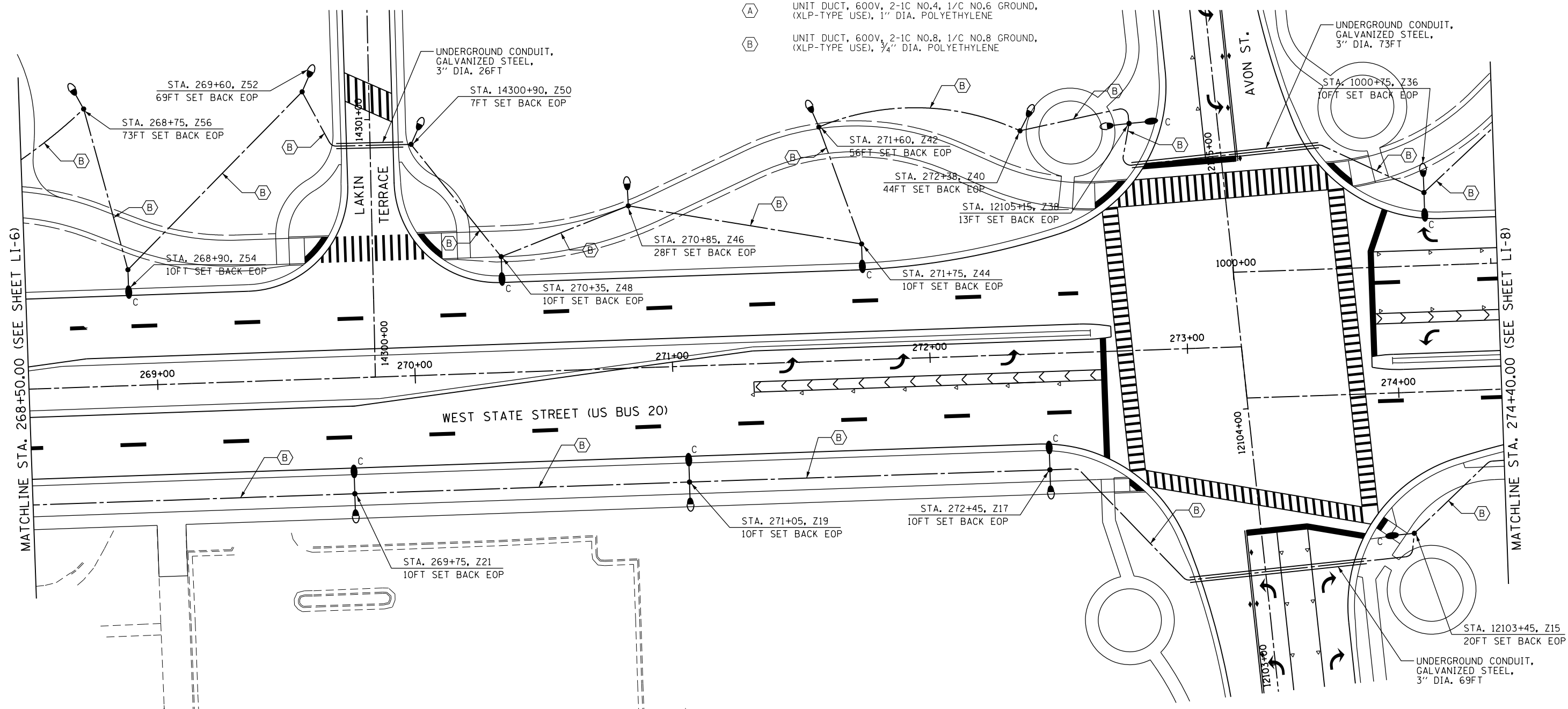
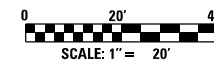
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	228
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

LEGEND

- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, AND 70W METAL HALIDE LUMINAIRE, 16FT MH. POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B ON SHEET LD-3.
- LIGHTING UNIT: 70W METAL HALIDE LUMINAIRE, 16FT MH. SEE DETAIL A ON SHEET LD-3.
- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B AND NOTE 3 ON SHEET LD-3.
- A = 6FT MAST ARM
B = 8FT MAST ARM
C = 10FT MAST ARM
D = 12FT MAST ARM
- INSTALL HANDHOLE PER IDOT STD. DWG. #814001-02
- UNIT DUCT: SIZE AND TYPE AS NOTED
- UNDERGROUND CONDUIT, GALVANIZED STEEL, SIZE AND LENGTH AS INDICATED
- PROPOSED LIGHTING CONTROLLER
- ELECTRIC SERVICE
- UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

CIRCUIT DESIGNATION
 ↓ POLE STATION
 STA. XXX+XX, Y1
 ↑ POLE NO.
 ↓ CONTROLLER DESIGNATION



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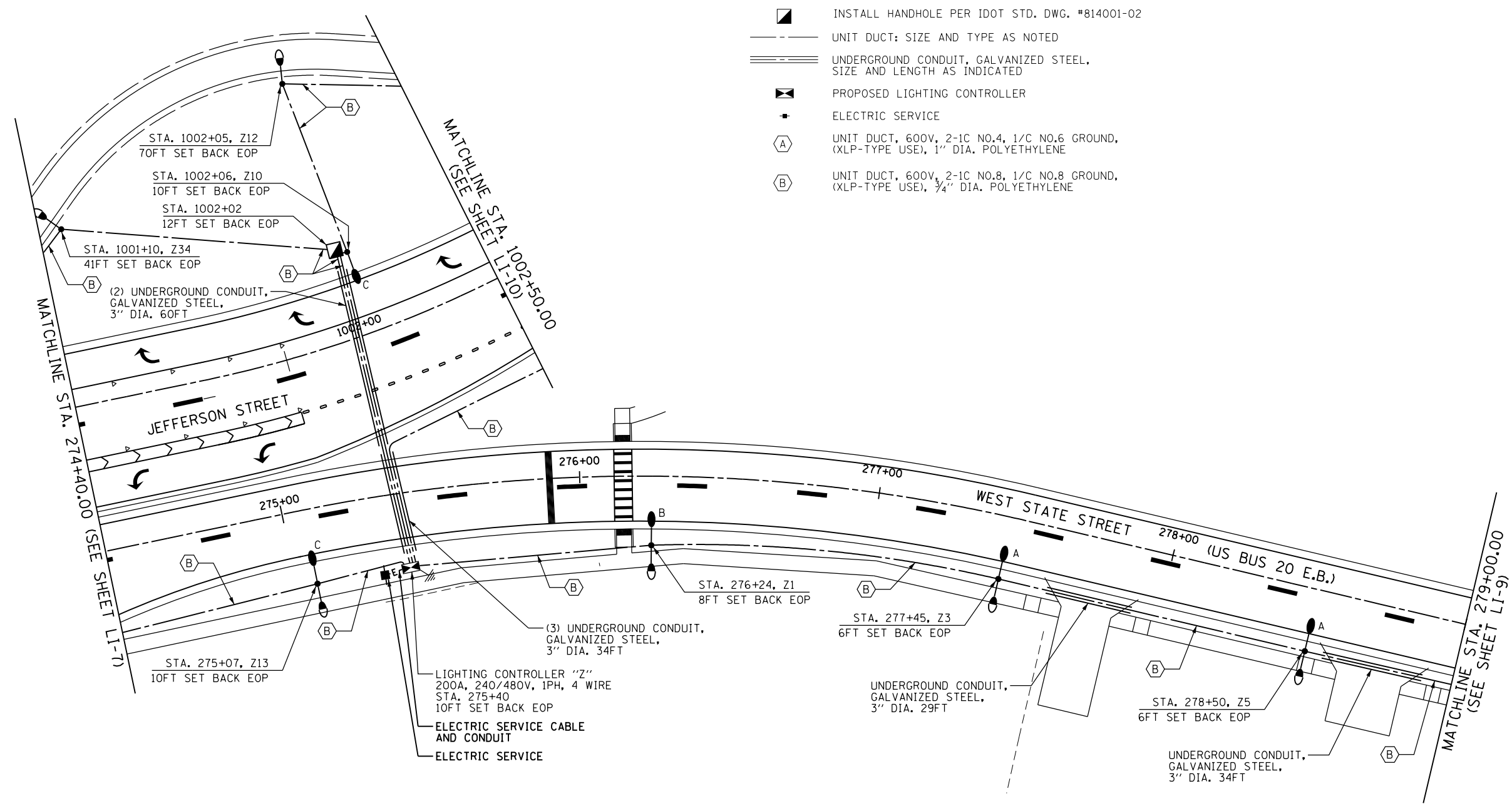
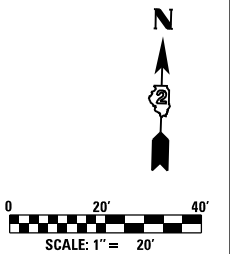
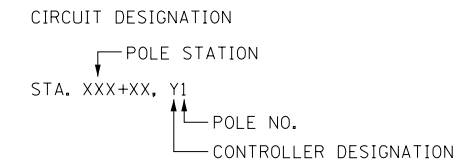
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN			
WEST STATE STREET (US BUS 20)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	229
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

LEGEND

- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, AND 70W METAL HALIDE LUMINAIRE, 16FT MH, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B ON SHEET LD-3.
- LIGHTING UNIT: 70W METAL HALIDE LUMINAIRE, 16FT MH. SEE DETAIL A ON SHEET LD-3.
- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B AND NOTE 3 ON SHEET LD-3.
- A = 6FT MAST ARM
B = 8FT MAST ARM
C = 10FT MAST ARM
D = 12FT MAST ARM
- INSTALL HANDHOLE PER IDOT STD. DWG. #814001-02
- UNIT DUCT: SIZE AND TYPE AS NOTED
- UNDERGROUND CONDUIT, GALVANIZED STEEL, SIZE AND LENGTH AS INDICATED
- PROPOSED LIGHTING CONTROLLER
- ELECTRIC SERVICE
- UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE



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DEPARTMENT OF TRANSPORTATION**

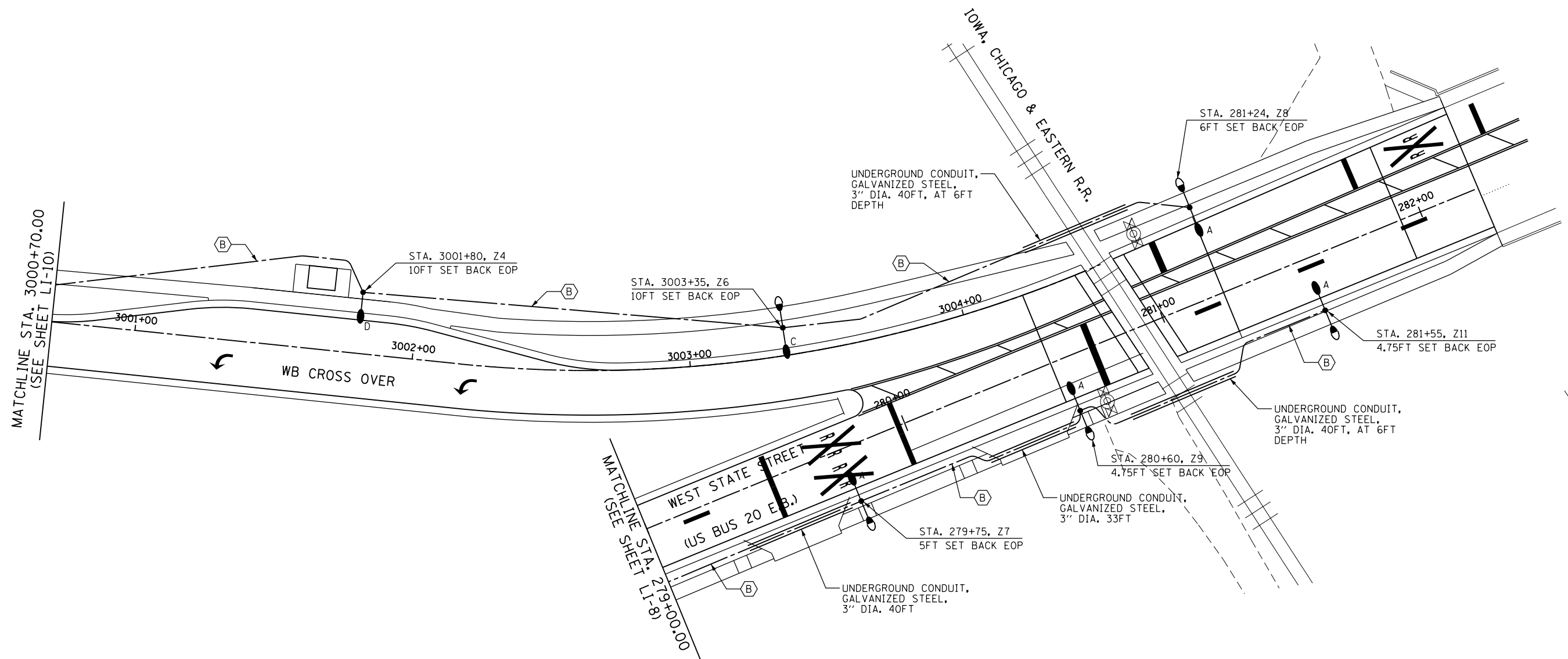
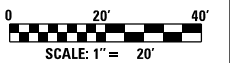
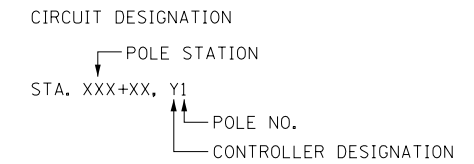
**LIGHTING PLAN
WEST STATE STREET (US BUS 20)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	230
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

LEGEND

- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, AND 70W METAL HALIDE LUMINAIRE, 16FT MH, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B ON SHEET LD-3.
- LIGHTING UNIT: 70W METAL HALIDE LUMINAIRE, 16FT MH. SEE DETAIL A ON SHEET LD-3.
- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B AND NOTE 3 ON SHEET LD-3.
- A = 6FT MAST ARM
B = 8FT MAST ARM
C = 10FT MAST ARM
D = 12FT MAST ARM
- INSTALL HANDHOLE PER IDOT STD. DWG. #814001-02
- UNIT DUCT: SIZE AND TYPE AS NOTED
- UNDERGROUND CONDUIT, GALVANIZED STEEL, SIZE AND LENGTH AS INDICATED
- PROPOSED LIGHTING CONTROLLER
- ELECTRIC SERVICE
- UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE



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


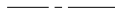
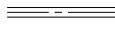




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DEPARTMENT OF TRANSPORTATION**

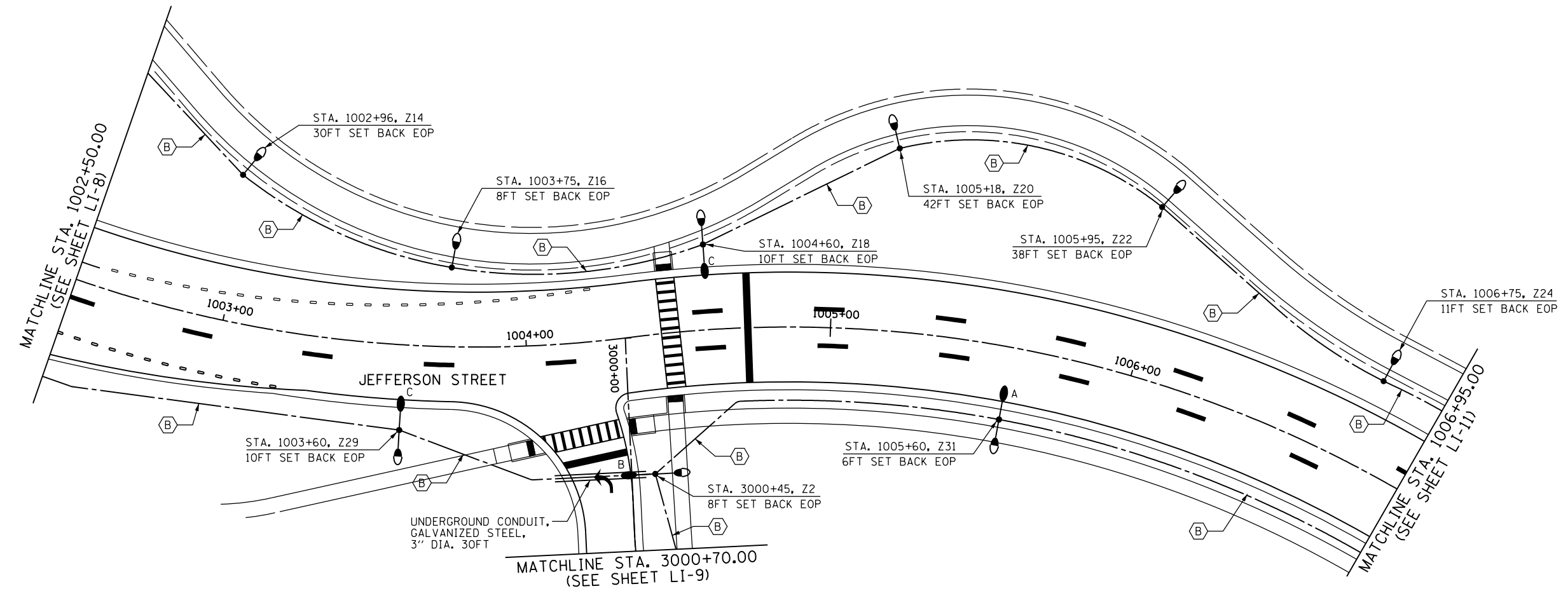
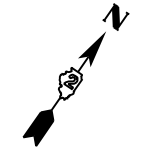
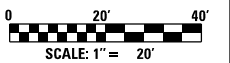
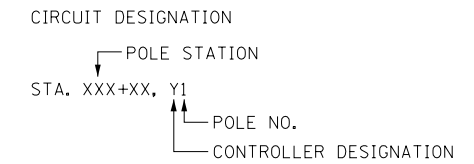
**LIGHTING PLAN
WEST STATE STREET (US BUS 20) & WB CROSS OVER**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	231
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

LEGEND

-  LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, AND 70W METAL HALIDE LUMINAIRE, 16FT MH, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B ON SHEET LD-3.
-  LIGHTING UNIT: 70W METAL HALIDE LUMINAIRE, 16FT MH. SEE DETAIL A ON SHEET LD-3.
-  LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B AND NOTE 3 ON SHEET LD-3.
- A = 6FT MAST ARM
B = 8FT MAST ARM
C = 10FT MAST ARM
D = 12FT MAST ARM
-  INSTALL HANDHOLE PER IDOT STD. DWG. #814001-02
-  UNIT DUCT: SIZE AND TYPE AS NOTED
-  UNDERGROUND CONDUIT, GALVANIZED STEEL, SIZE AND LENGTH AS INDICATED
-  PROPOSED LIGHTING CONTROLLER
-  ELECTRIC SERVICE
-  UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
-  UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE



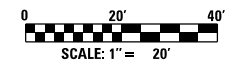
SINGH
CONSULTING ENGINEERS
www.singhinc.com

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	PLOT DATE = Mon Dec 17 16:12:10 2012	DATE - \$SUBDATE\$	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN			
JEFFERSON STREET			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

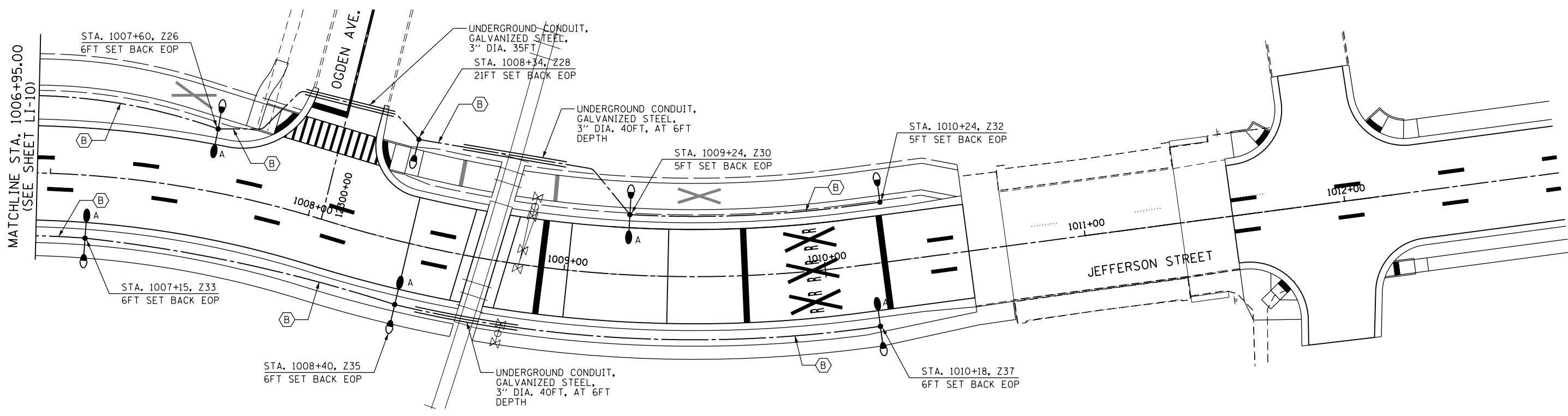
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	232
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



LEGEND

- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, AND 70W METAL HALIDE LUMINAIRE, 16FT MH, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B ON SHEET LD-3.
- LIGHTING UNIT: 70W METAL HALIDE LUMINAIRE, 16FT MH. SEE DETAIL A ON SHEET LD-3.
- LIGHTING UNIT: 400W METAL HALIDE LUMINAIRE, 40FT MH, MAST ARM LENGTH AS NOTED, POLE HAS BREAKAWAY COUPLING BASE. SEE DETAIL B AND NOTE 3 ON SHEET LD-3.
- A = 6FT MAST ARM
B = 8FT MAST ARM
C = 10FT MAST ARM
D = 12FT MAST ARM
- INSTALL HANDHOLE PER IDOT STD. DWG. #814001-02
- UNIT DUCT: SIZE AND TYPE AS NOTED
- UNDERGROUND CONDUIT, GALVANIZED STEEL, SIZE AND LENGTH AS INDICATED
- PROPOSED LIGHTING CONTROLLER
- ELECTRIC SERVICE
- UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

CIRCUIT DESIGNATION
 ↓ POLE STATION
 STA. XXX+XX, Y1
 ↑ POLE NO.
 ↓ CONTROLLER DESIGNATION



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

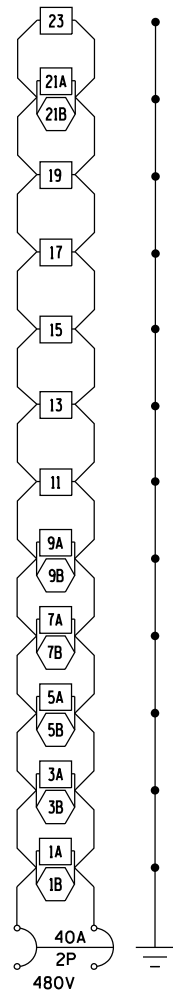
**LIGHTING PLAN
 JEFFERSON STREET**

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

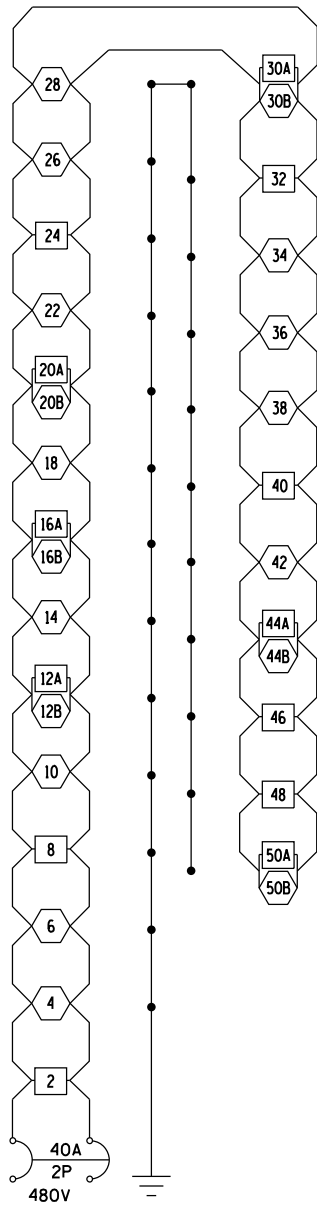
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	233
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

LEGEND:

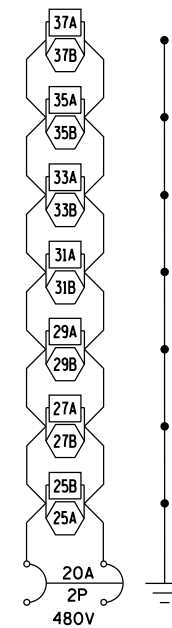
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-  ORNAMENTAL 400 WATT MH LUMINAIRE
-  GROUND CONNECTION AT EACH POLE
-  GROUND ROD



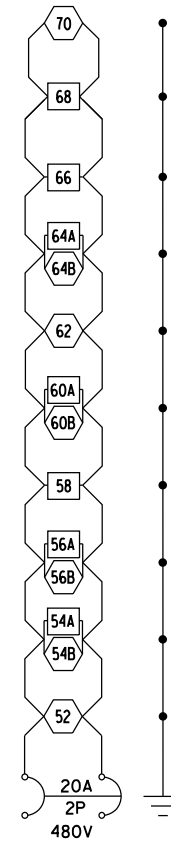
ALL CONDUCTOR #4
CONTROLLER Y CKT 1



ALL CONDUCTORS #4
CONTROLLER Y CKT 2



ALL CONDUCTORS #8
CONTROLLER Y CKT 3







ALL CONDUCTORS #8
CONTROLLER Y CKT 4

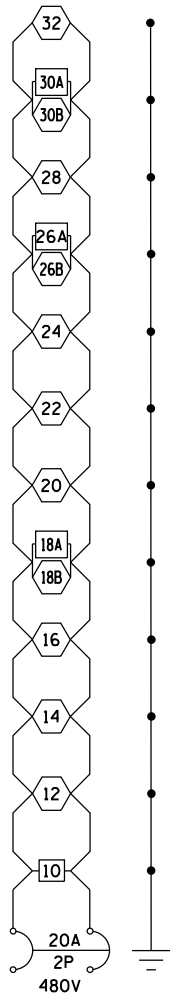
CONTROLLER "Y" LIGHTING WIRING DIAGRAM

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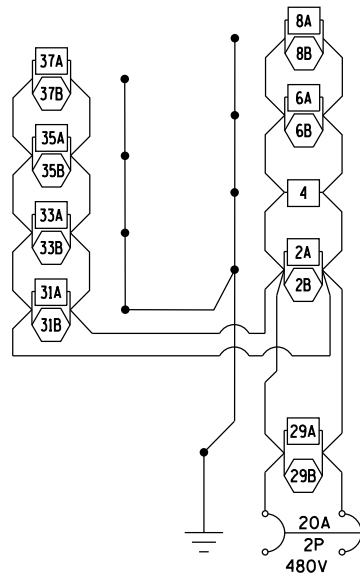
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

LEGEND:

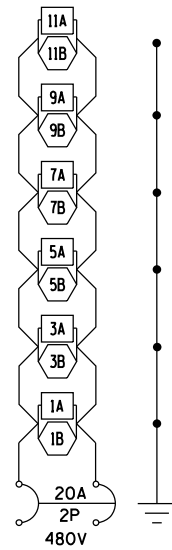
-  ORNAMENTAL 70 WATT MH LUMINAIRE
-  ORNAMENTAL 400 WATT MH LUMINAIRE
-  GROUND CONNECTION AT EACH POLE
-  GROUND ROD



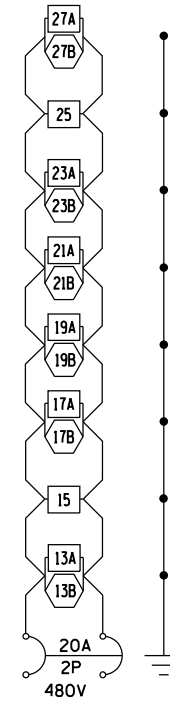
ALL CONDUCTOR #8
CONTROLLER Z CKT 1



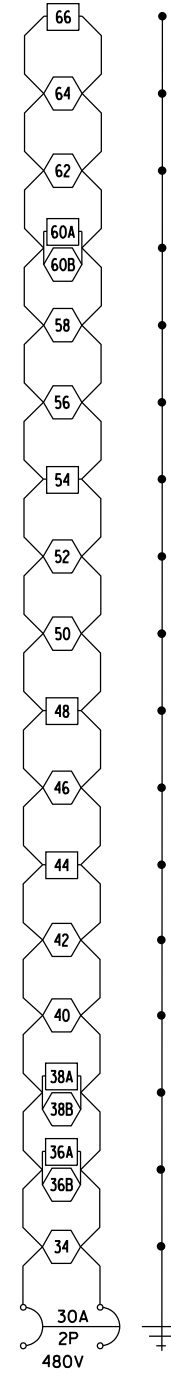
ALL CONDUCTOR #8
CONTROLLER Z CKT 2



ALL CONDUCTOR #8
CONTROLLER Z CKT 3



ALL CONDUCTOR #8
CONTROLLER Z CKT 4

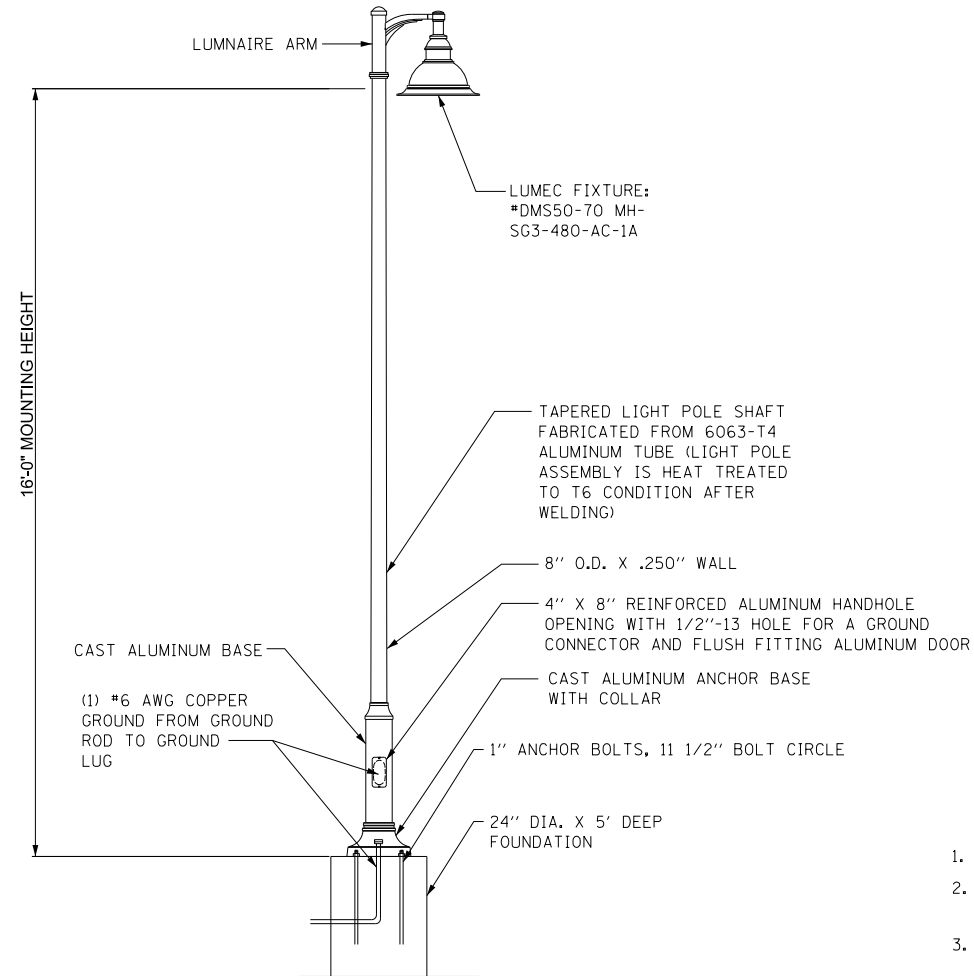


ALL CONDUCTOR #8
CONTROLLER Z CKT 5

CONTROLLER "Z" LIGHTING WIRING DIAGRAM

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	235
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

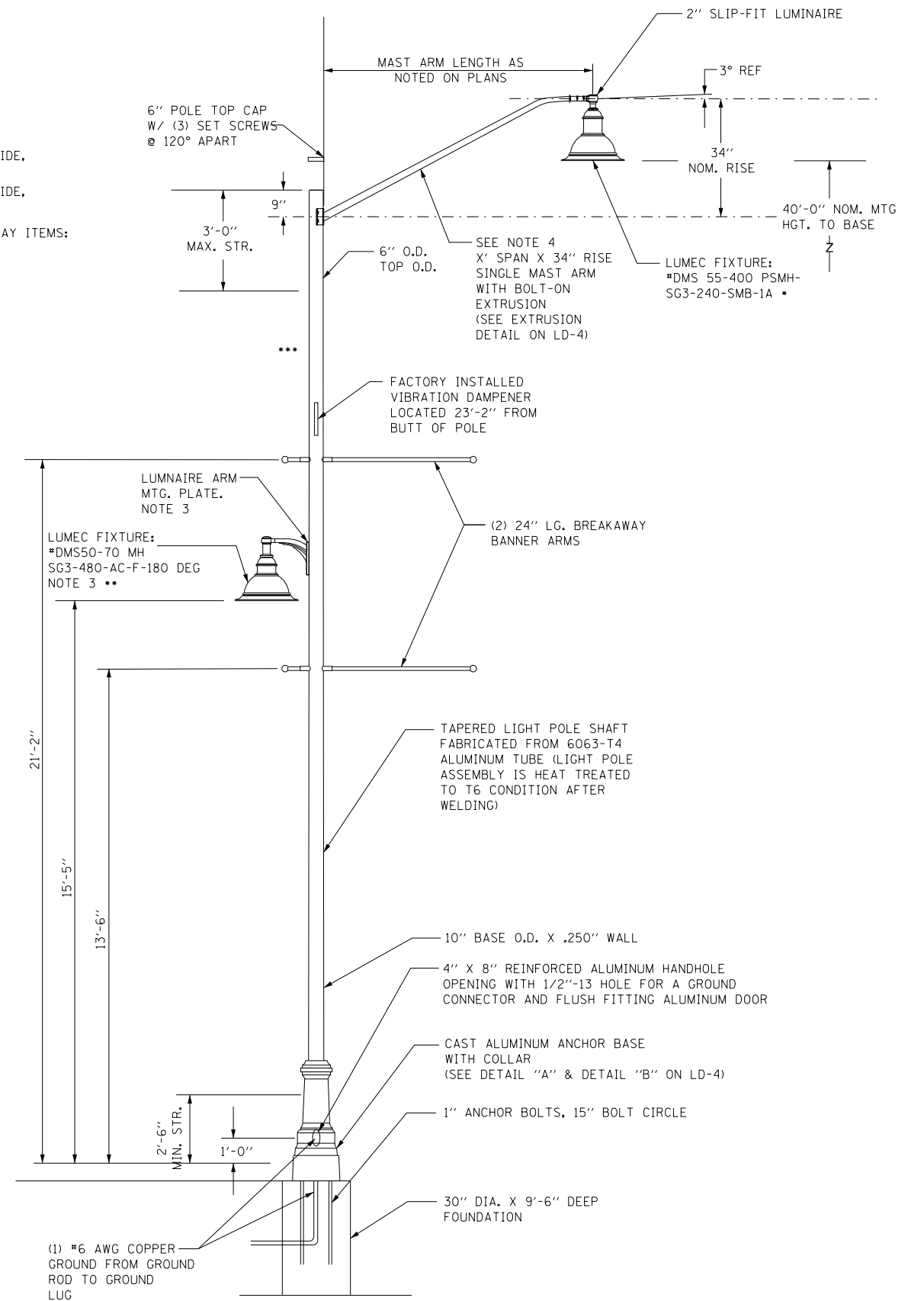


A ORNAMENTAL LIGHT UNIT, COMPLETE
NOT TO SCALE

- FOLLOWING PAY ITEM IS PAID BY LUMINAIRE, METAL HALIDE, HORIZONTAL MOUNT, 400 WATT, SPECIAL
- FOLLOWING PAY ITEM IS PAID BY LUMINAIRE, METAL HALIDE, HORIZONTAL MOUNT, 70 WATT, SPECIAL
- LIGHT POLE AND MAST ARM PAID UNDER THE FOLLOWING PAY ITEMS:
LIGHT POLE, ALUMINUM, 40 FT, M.H., 6 FT, MAST ARM
LIGHT POLE, ALUMINUM, 40 FT, M.H., 8 FT, MAST ARM
LIGHT POLE, ALUMINUM, 40 FT, M.H., 10 FT, MAST ARM
LIGHT POLE, ALUMINUM, 40 FT, M.H., 12 FT, MAST ARM

NOTES

1. ALL FINISHES SHALL BE BLACK TEXTURED.
2. ALL PART NUMBERS ARE LUMEC, OR APPROVED EQUALS.
3. THE FOLLOWING LIGHT POLES DO NOT HAVE TOW MH LUMINAIRE ATTACHED:
• Y2, Y8, Y11, Y13, Y15, Y19, Y23, Y24, Y27, Y32, Y40, Y46, Y48, Y58, Y66, Y68
• Z4, Z10, Z15, Z25, Z44, Z48, Z54, Z66.
4. SPAN LENGTH SHALL BE 6', 8', 10', OR 12'. SEE PLANS SHEETS FOR ACTUAL LENGTHS



B LIGHT POLE, ALUMINUM, 40' MH
NOT TO SCALE

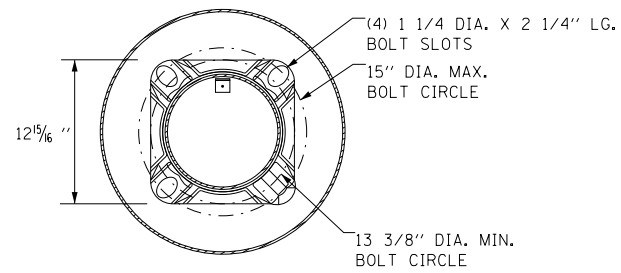
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**POLES DETAILS
(1 OF 2)**

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

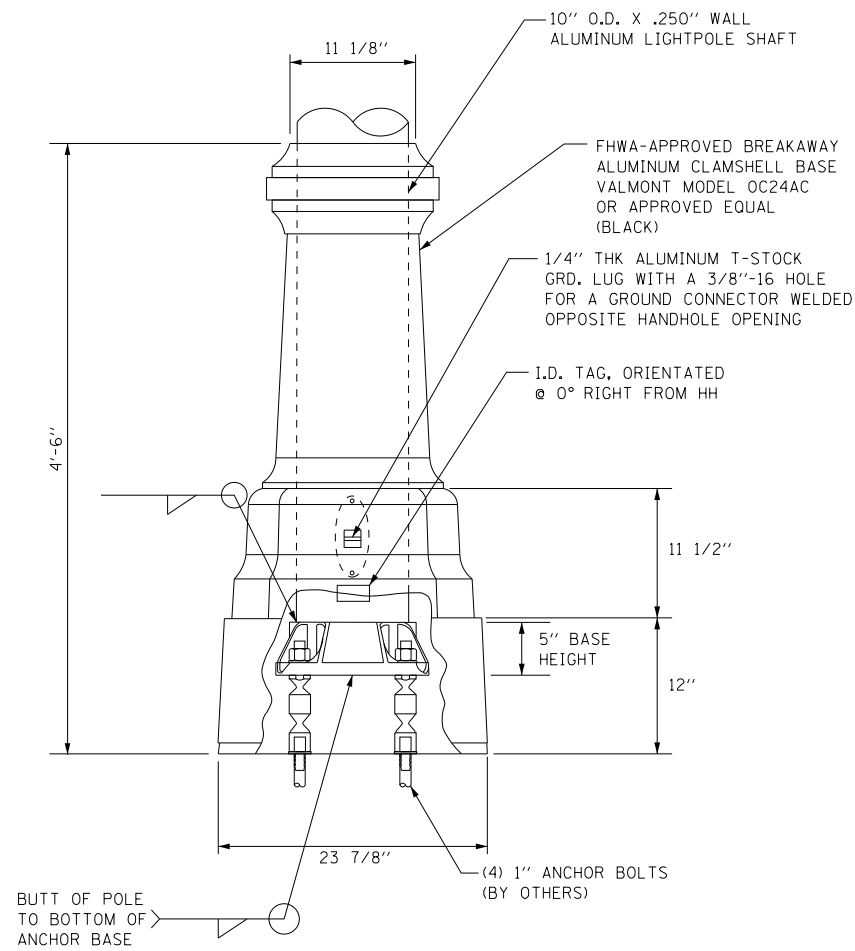
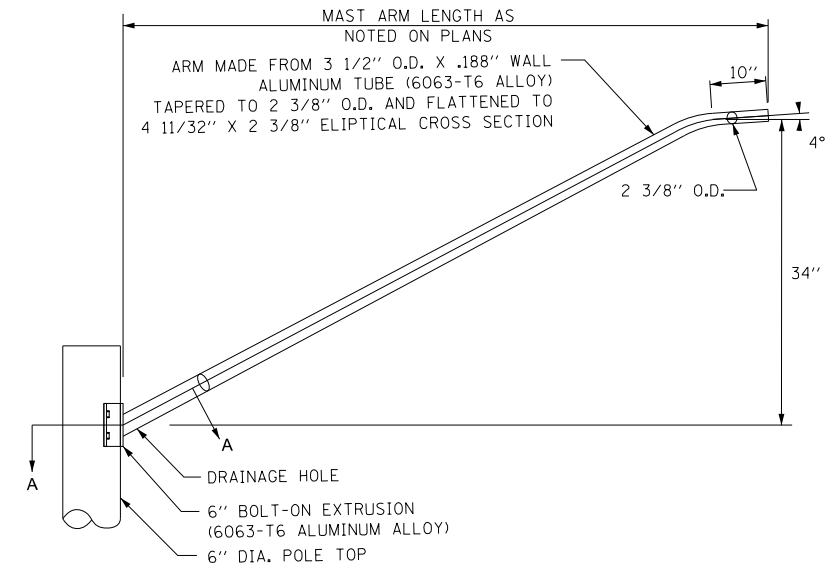
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	236
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



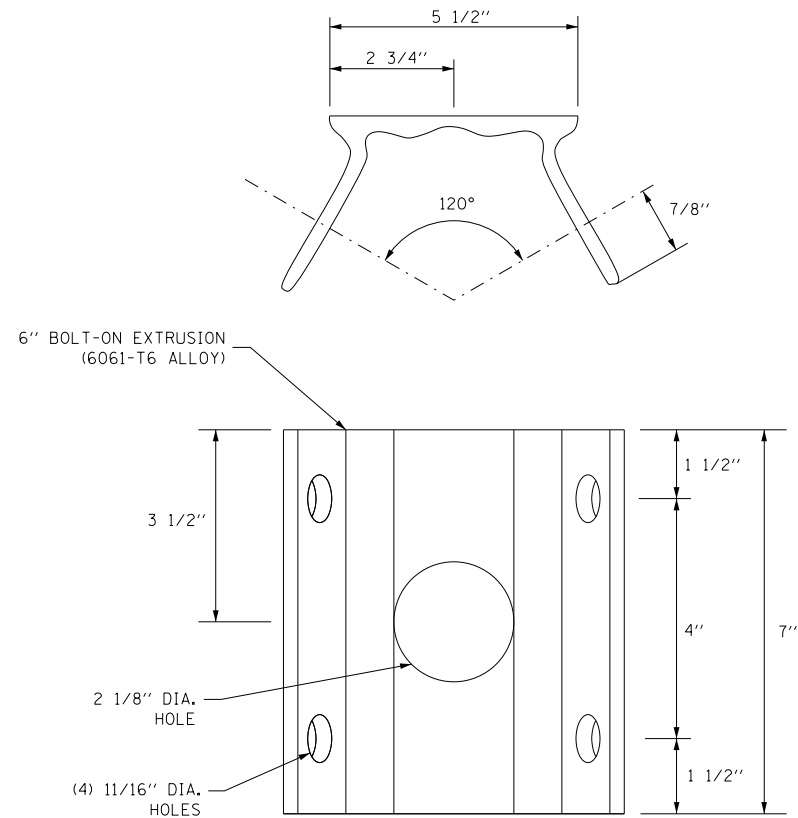
DETAIL B

NOTES:

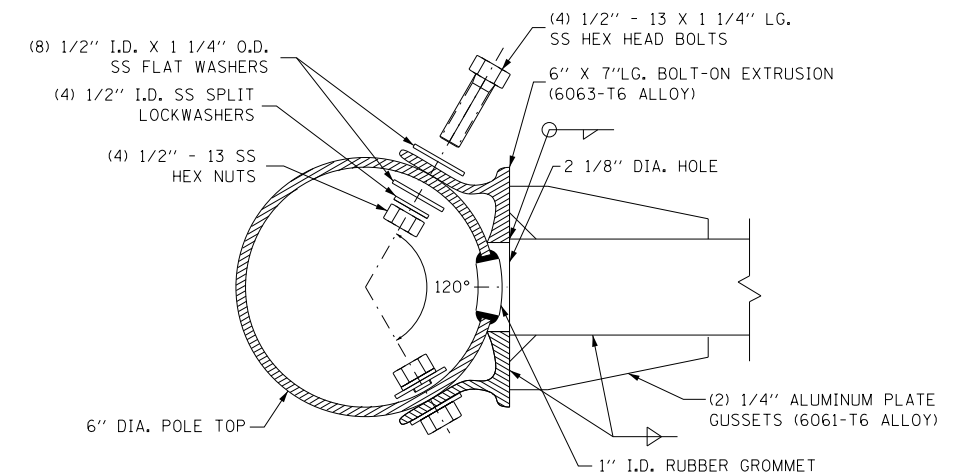
1. UNITS SHALL BE MANUFACTURED ACCORDING TO AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" CURRENT AT THE TIME THE PROJECT IS ADVERTISED. LIGHT POLES SHALL BE DESIGNED FOR 90 MPH WIND VELOCITY AND A MINIMUM DESIGN LIFE OF 50 YEARS.
2. POLES SHALL BE DESIGNED TO WITHSTAND LOADING OF 75 LB. LUMINAIRE WITH AN EPA OF 1.65 SQ. FT (PLUS PEDESTRIAN LUMINAIRE AND BRACKET ARM, IF APPLICABLE) INCLUDING ALL ATTACHMENTS.



DETAIL A



EXTRUSION DETAIL



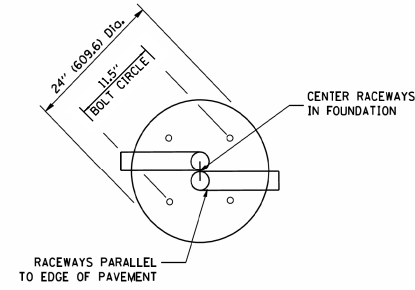
SECTION A-A

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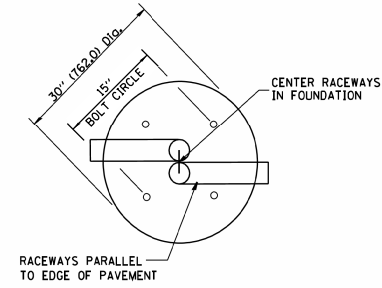
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303	41R	WINNEBAGO	327	237
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192 m) TO 47.5 FT. (14.478 m) MOUNTING HEIGHT

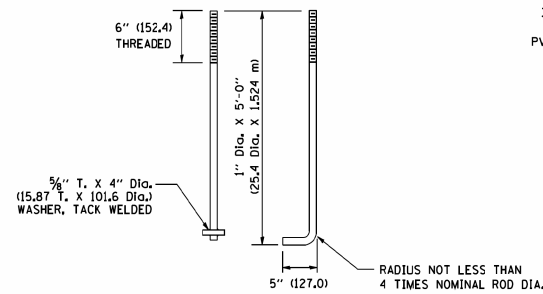
SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Ou = 0.375 TON/SQ. FT.	13'-0" (3.96 m)	15'-0" (4.57 m)
MEDIUM CLAY Ou = 0.75 TON/SQ. FT.	9'-6" (2.93 m)	10'-9" (3.23 m)
STIFF CLAY Ou = 1.50 TON/SQ. FT.	7'-0" (2.13 m)	8'-0" (2.44 m)
LOOSE SAND φ = 34°	9'-0" (2.74 m)	10'-0" (3.05 m)
MEDIUM SAND φ = 37.5°	8'-3" (2.52 m)	9'-0" (2.74 m)
DENSE SAND φ = 40°	7'-9" (2.36 m)	9'-0" (2.74 m)



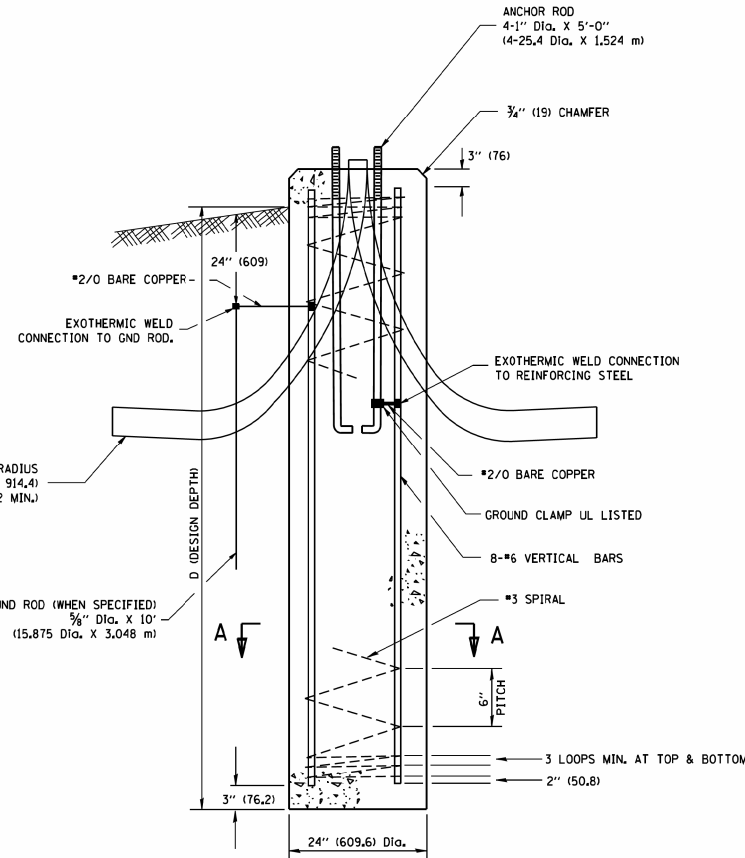
TOP VIEW



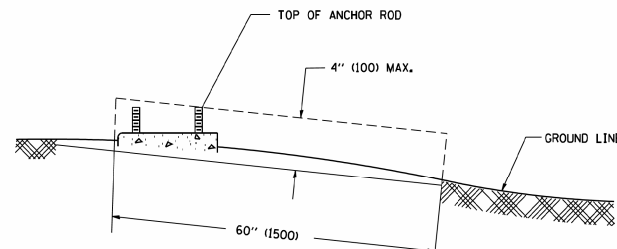
TOP VIEW



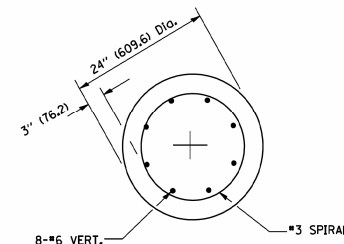
ANCHOR ROD DETAIL



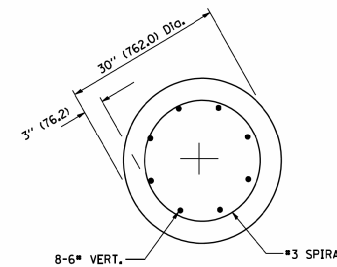
FOUNDATION DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A



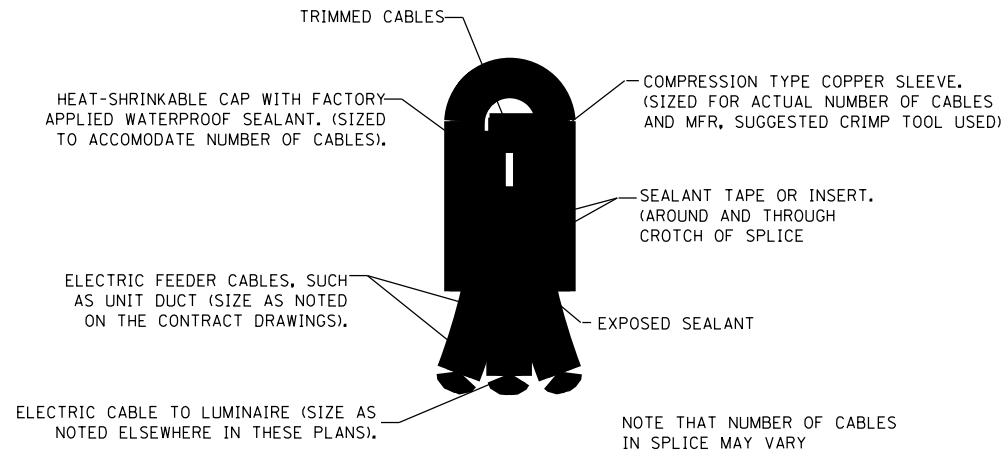
SECTION A-A

NOTES

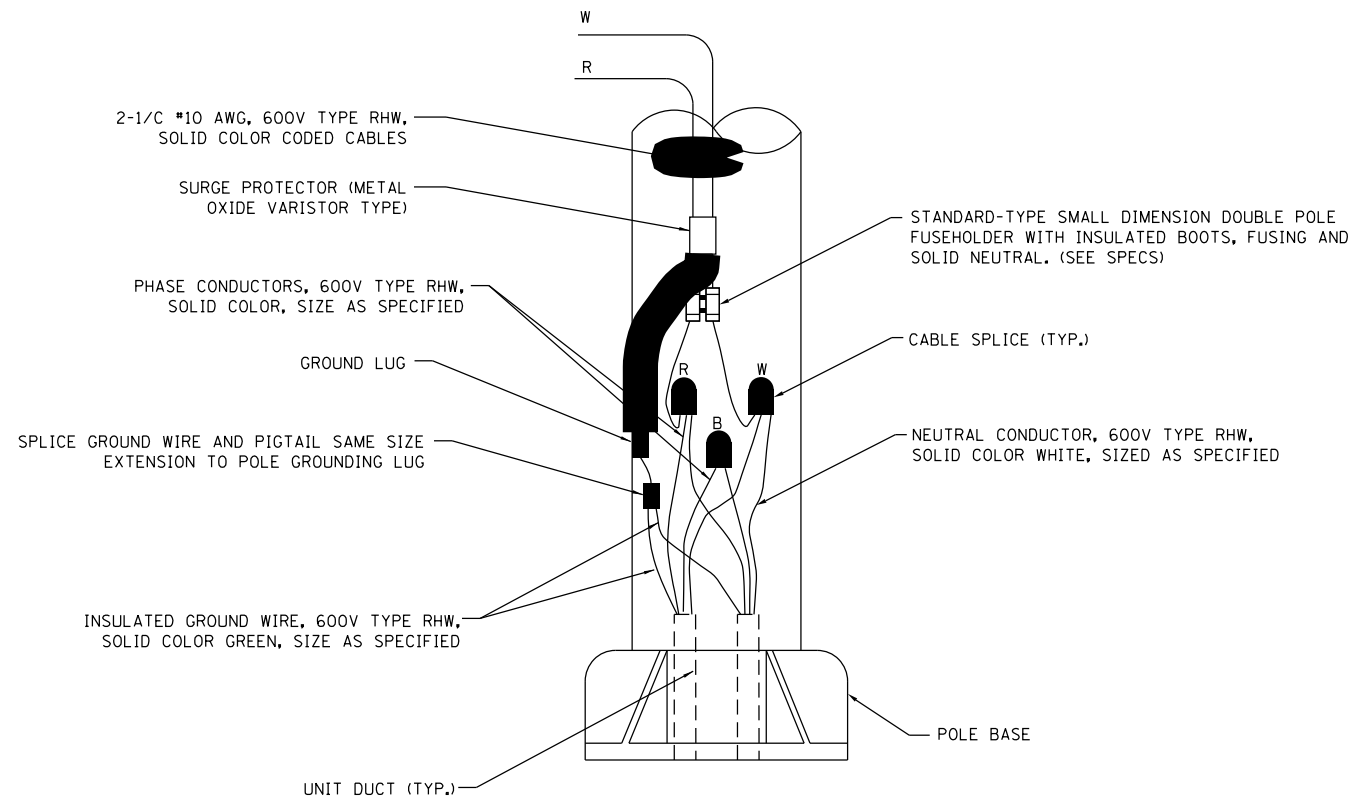
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UMG MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

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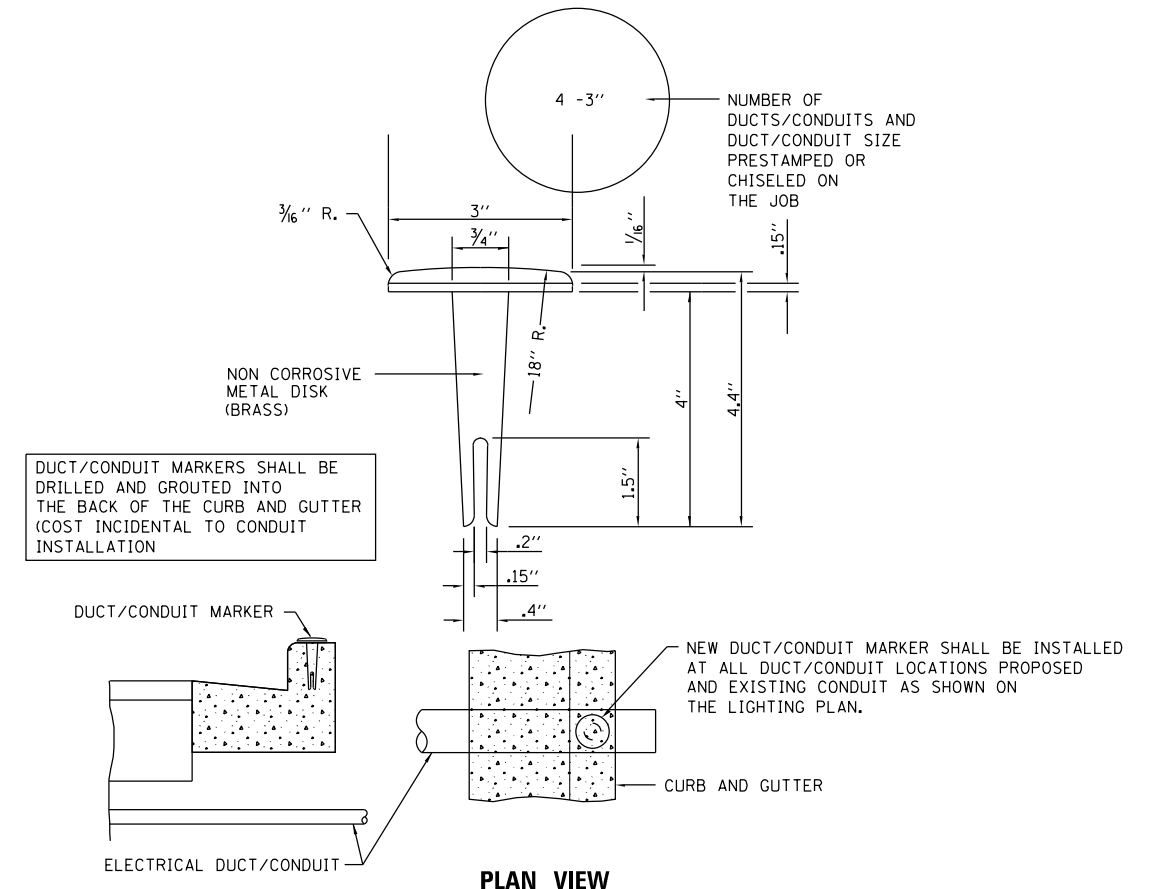
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	238
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



POLE SPLICE DETAIL
NOT TO SCALE



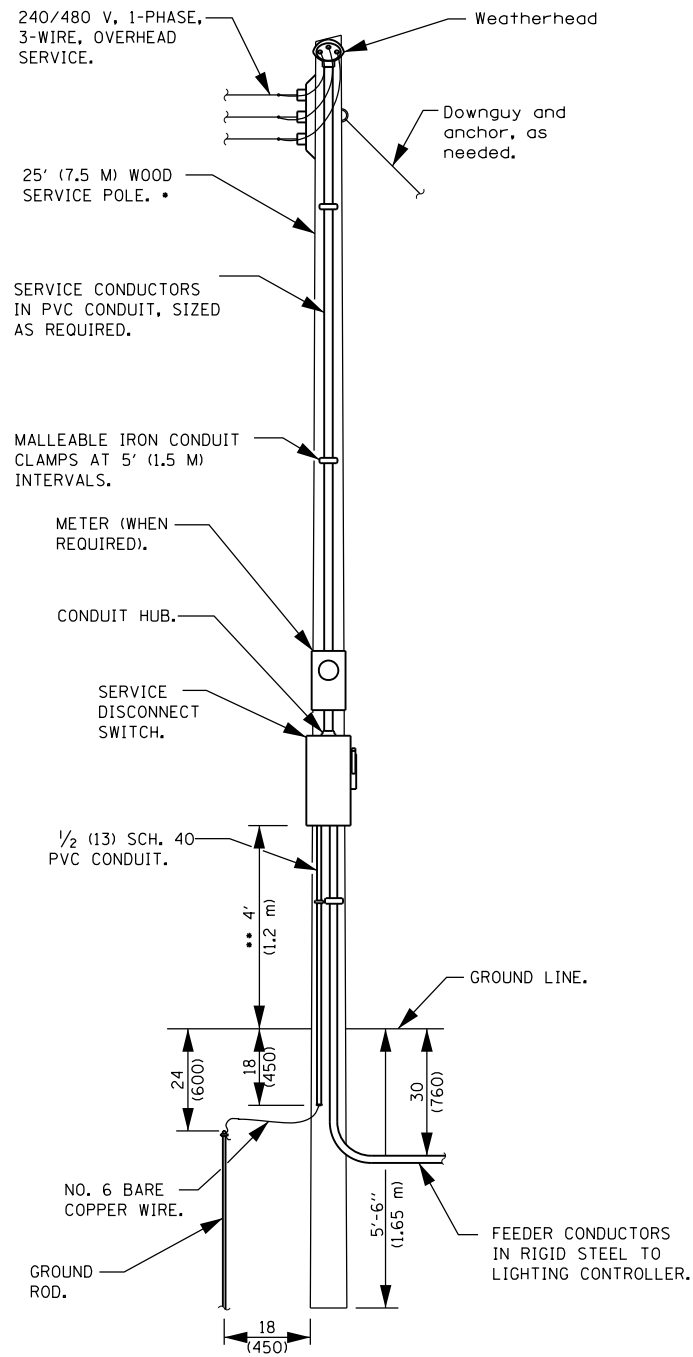
POLE WIRING DETAIL
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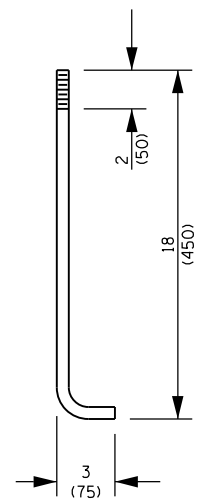
PLAN VIEW
DUCT MARKER DETAIL
NOT TO SCALE

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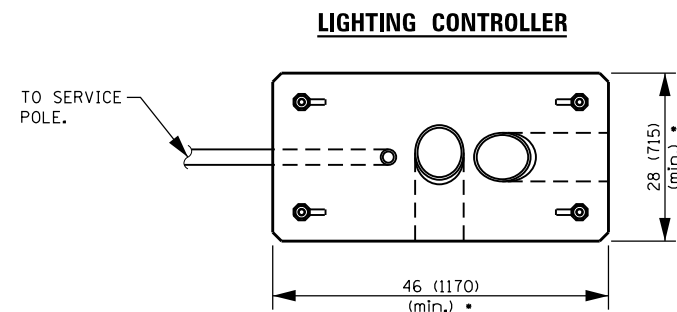
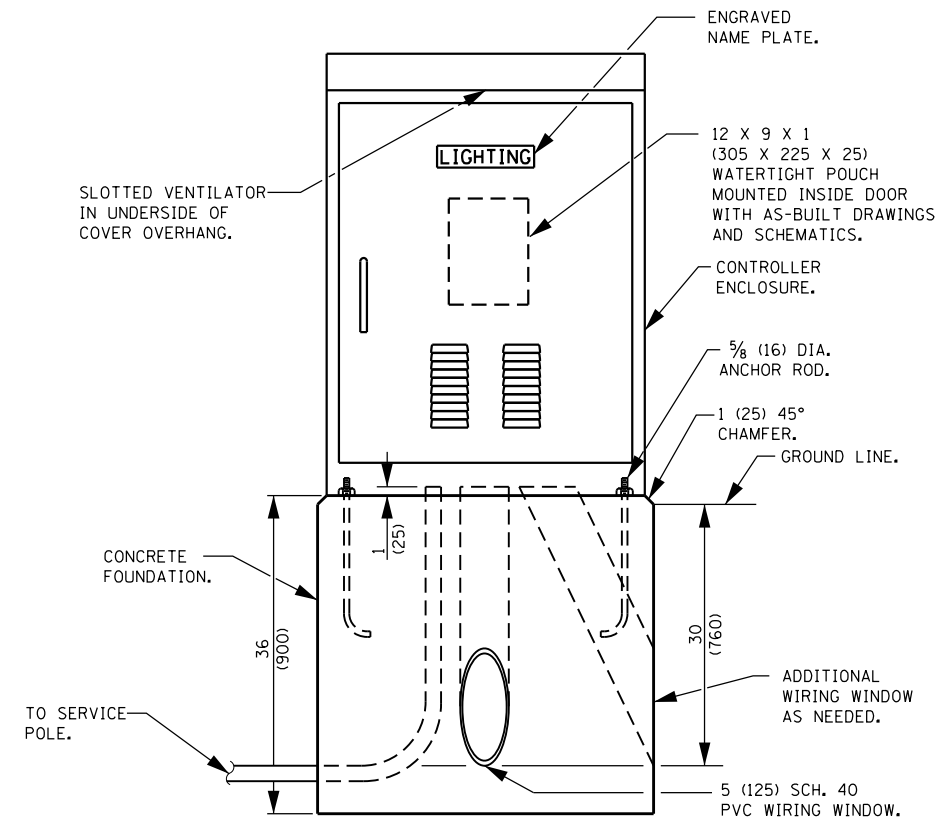
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	239
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



ELECTRIC SERVICE INSTALLATION
 • SIZE LARGER AS NEEDED.
 •• OR AS DIRECTED BY UTILITY COMPANY.



**ANCHOR ROD
 DETAIL**

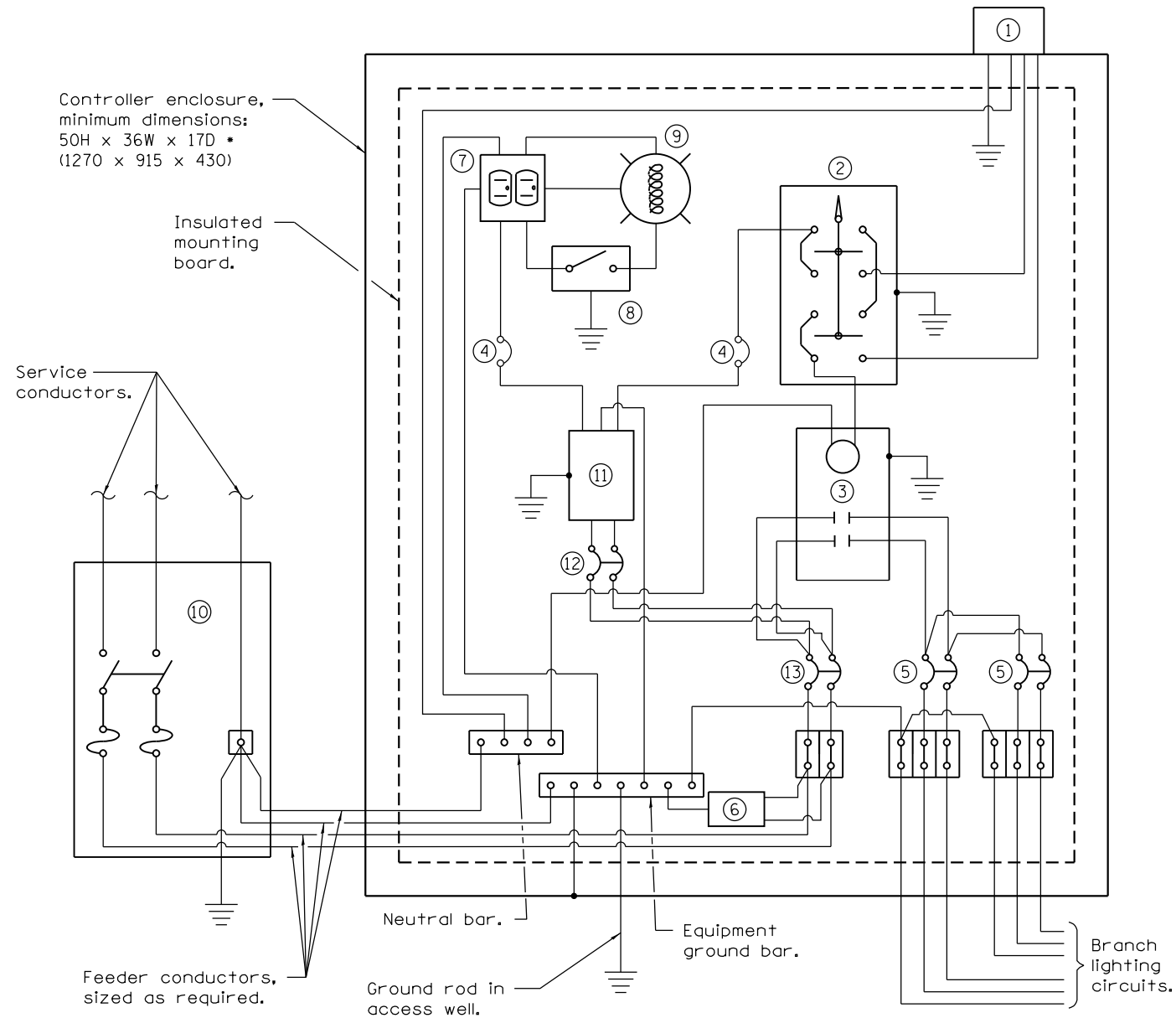


FOUNDATION (PLAN)
 (WORK PAD NOT SHOWN.)
 • SIZE LARGER AS NEEDED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = \$FILES*	USER NAME = dossdd	DESIGNED - DJ	REVISED -
et:\pw\work\p\dot\dossdd\0329565\0264750-sh-t-light-detail.s.dgn		DRAWN - DJ	REVISED -
		CHECKED - RP	REVISED -
PLOT DATE = Mon Dec 17 16:30:09 2012		DATE - 11/14/2012	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	240
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				



CONTROL SCHEMATIC

- ① PHOTOCELL WITH INTEGRAL SURGE ARRESTER.
- ② HAND-OFF-AUTO SELECTOR SWITCH.
- ③ 200 AMP*, ELECTRICALLY HELD CONTACTOR.
- ④ * AMP, 1-POLE CIRCUIT BREAKER.
- ⑤ * AMP*, 2-POLE CIRCUIT BREAKER (TWO SPARES REQUIRED BY NOT SHOWN).
- ⑥ SURGE ARRESTER.
- ⑦ GFCI DUPLEX RECEPTACLE.
- ⑧ SINGLE POLE, SINGLE-THROW SWITCH.
- ⑨ INCANDESCENT LUMINAIRE, ENCLOSED AND GASKETED WITH 100 WATT LAMP.
- ⑩ SERVICE DISCONNECT SWITCH - 2-POLE, 3-WIRE, 200 AMP*, FUSED AT 200 AMP*, SOLID NEUTRAL IN NEMA 4X ENCLOSURES HAVING LOCKABLE EXTERNAL HANDLE.
- ⑪ TRANSFORMER - 1KVA*, 480V PRIMARY, 120/240V SECONDARY, SINGLE-PHASE, 60HZ.
- ⑫ * AMP*, 2-POLE CIRCUIT BREAKER.
- ⑬ * AMP*, 2-POLE CIRCUIT BREAKER.

* SIZE LARGER AS NEEDED.
 * SEE CONTROLLER BREAKER SCHEDULE FOR SIZE AND NUMBER OF BREAKER.

NOTE - REFER TO ROADWAY LIGHTING DETAIL LD-5 FOR PHOTOCELL MOUNTING RETAIL.

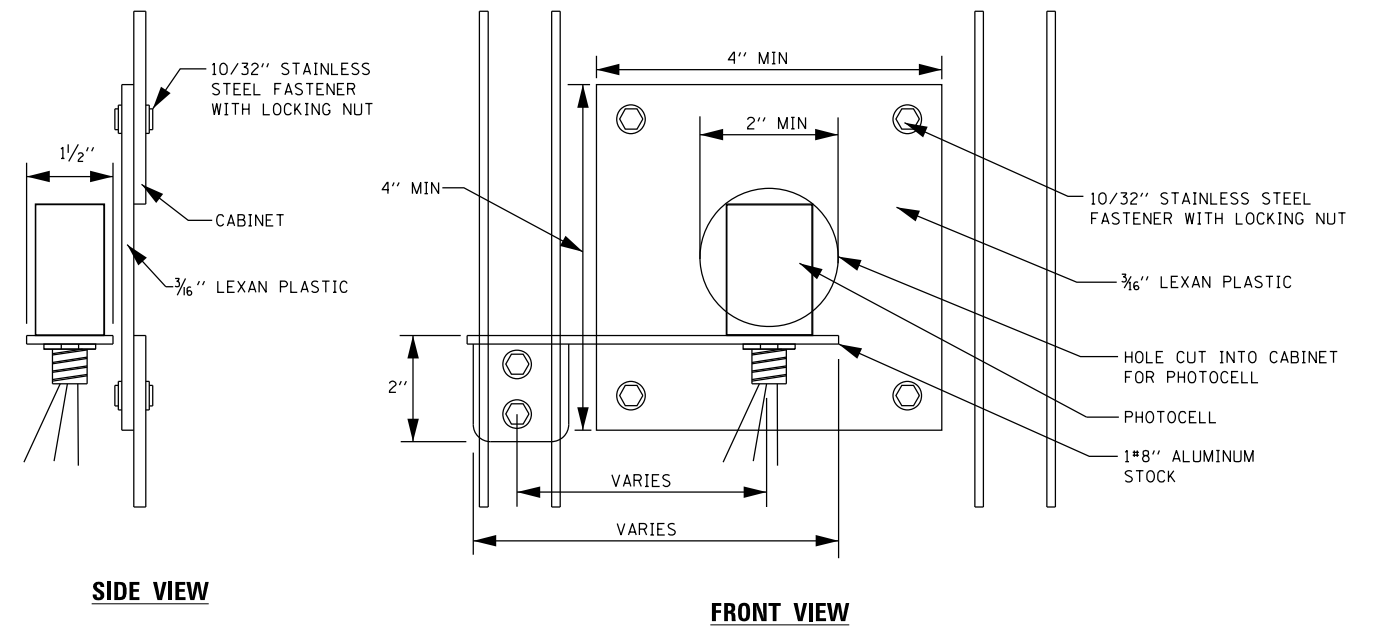
All dimensions are in inches (millimeters) unless otherwise shown.

CONTROLLER Y BREAKER SCHEDULE

BREAKER TYPE	SIZE	# BREAKER NEEDED
④	15A	2
⑤	20A	2
⑤	40A	2
⑫	15A	1
⑬	200A	1

CONTROLLER Z BREAKER SCHEDULE

BREAKER TYPE	SIZE	# BREAKER NEEDED
④	15A	2
⑤	20A	4
⑤	30A	1
⑫	15A	1
⑬	200A	1



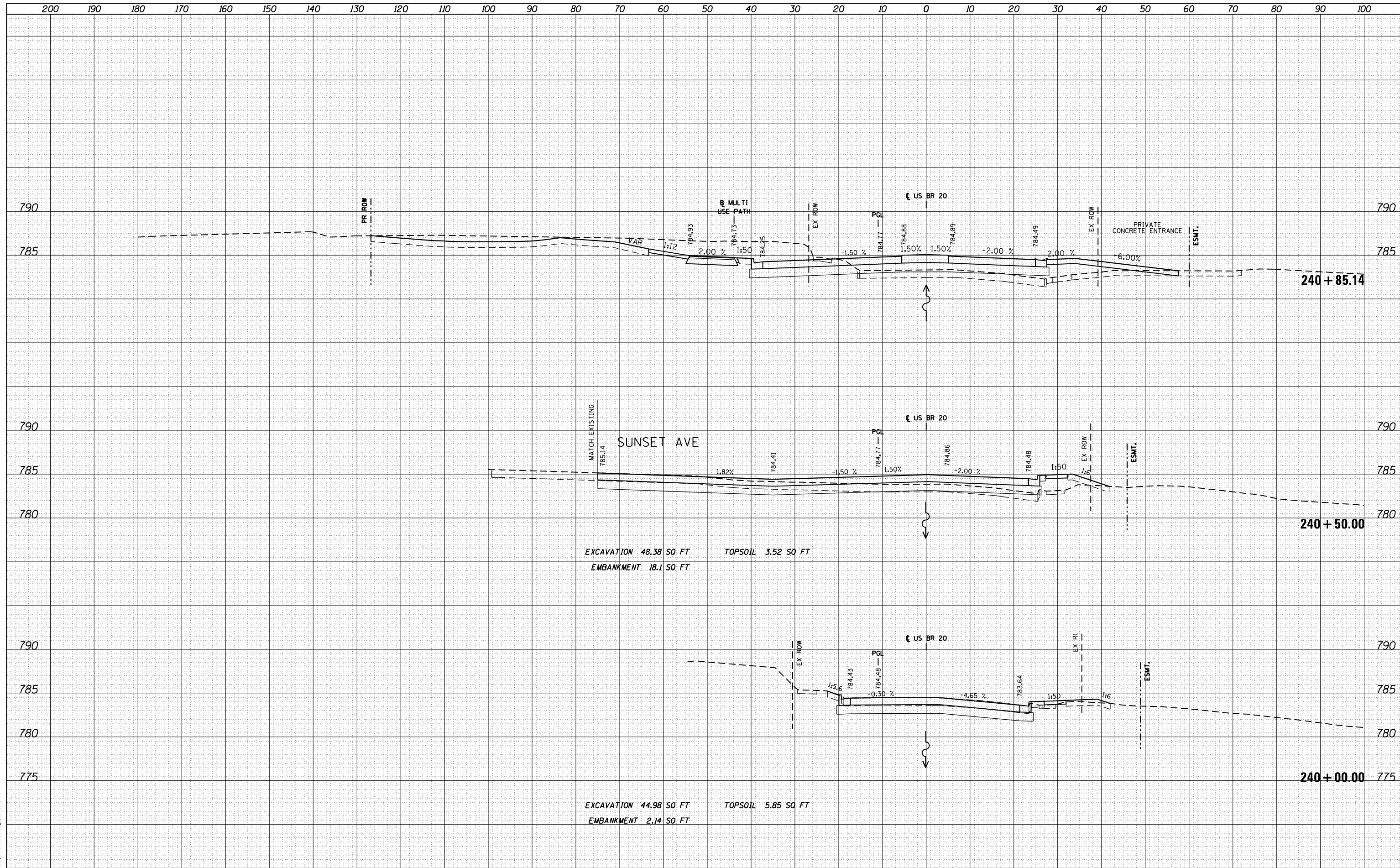
PHOTOCELL MOUNTING DETAIL

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		CHECKED - RP	REVISED -
		DATE - 11/14/2012	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	241
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
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TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
SURVEYED	
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TEMPLATE	
AREAS	
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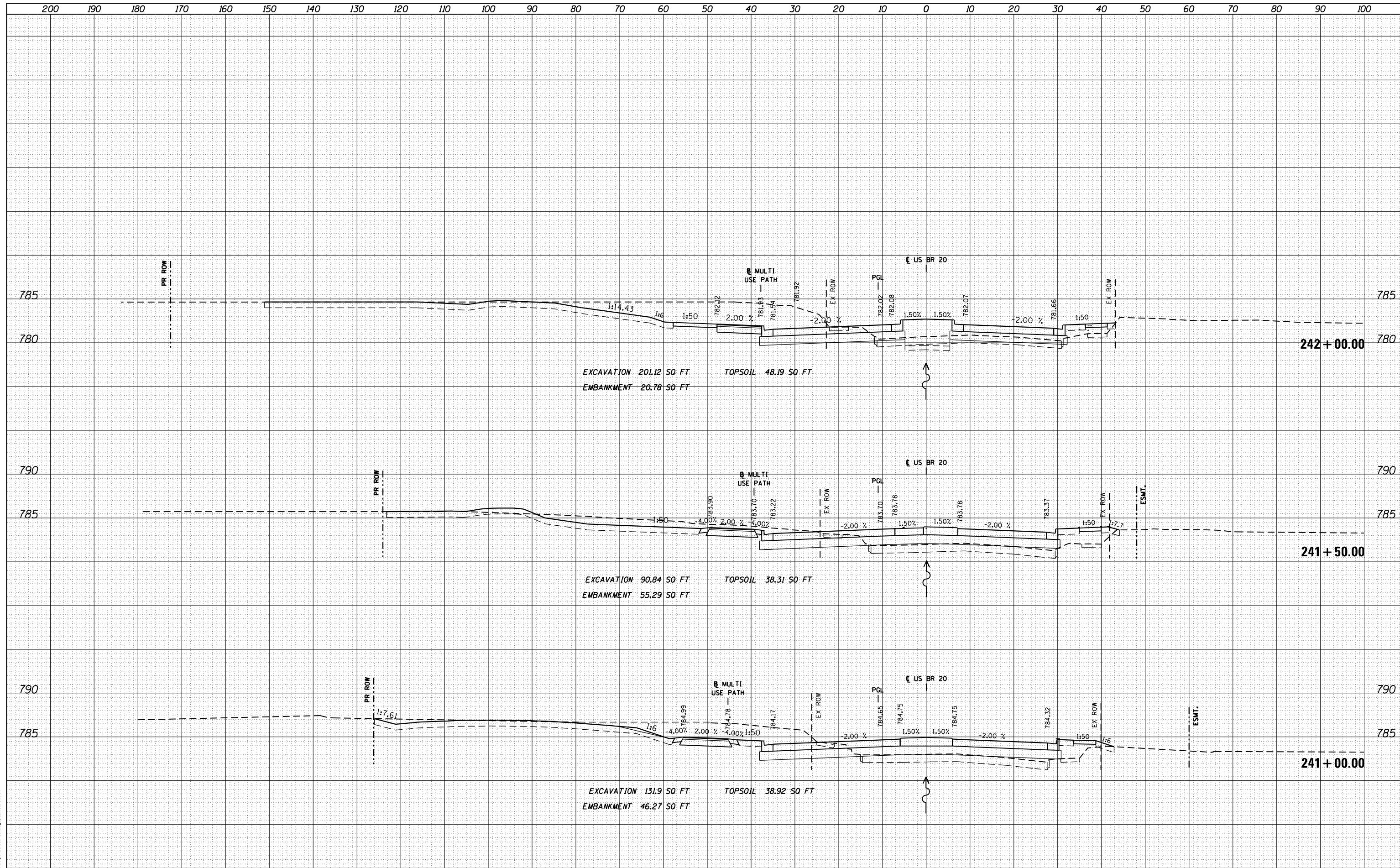
McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE (US BUS 20) CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\p\dot\dosddd\0317626\0264750-sh-	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	242
PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISIED -	REVISIED -			CONTRACT NO. 64750		ILLINOIS FED. AID PROJECT		
PLOT DATE = Mon Dec 17 16:48:37 2012	DATE - \$SUBDATE\$	REVISIED -	REVISIED -			SCALE: 1"=10'H; 1"=5'	SHEET NO. 1 OF SHEETS	STA. 240+00.00 TO STA. 240+85.14		

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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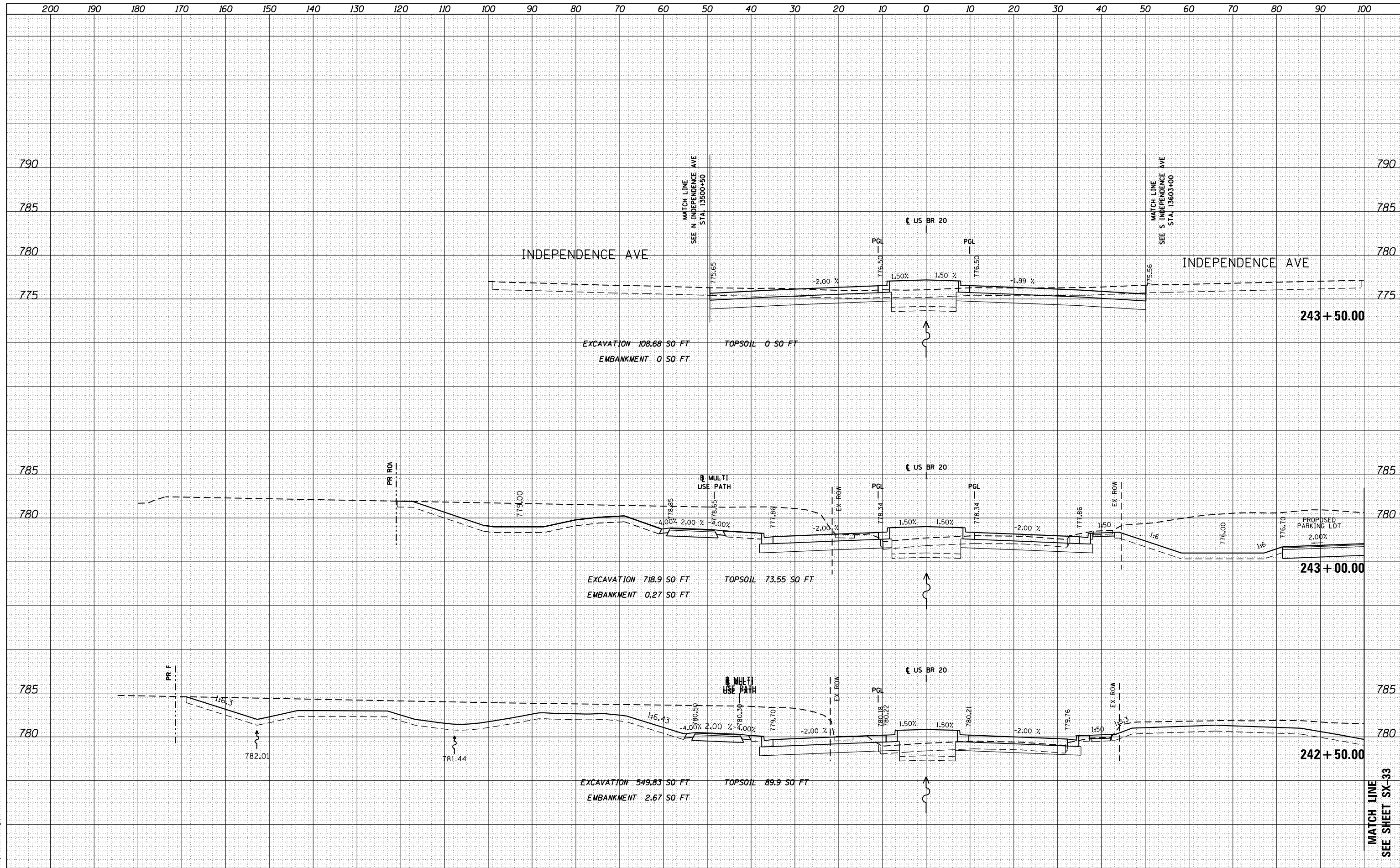


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es:\pw\work\p\dot\dosddd\0317626\0264750-sh1-ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -	303			41R	WINNEBAGO	327	243	
PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISED -	CONTRACT NO. 64750							
PLOT DATE = Mon Dec 17 16:48:53 2012	DATE - \$SUBDATE\$	REVISED -	ILLINOIS FED. AID PROJECT							

DATE	
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NO. OF SHEETS	

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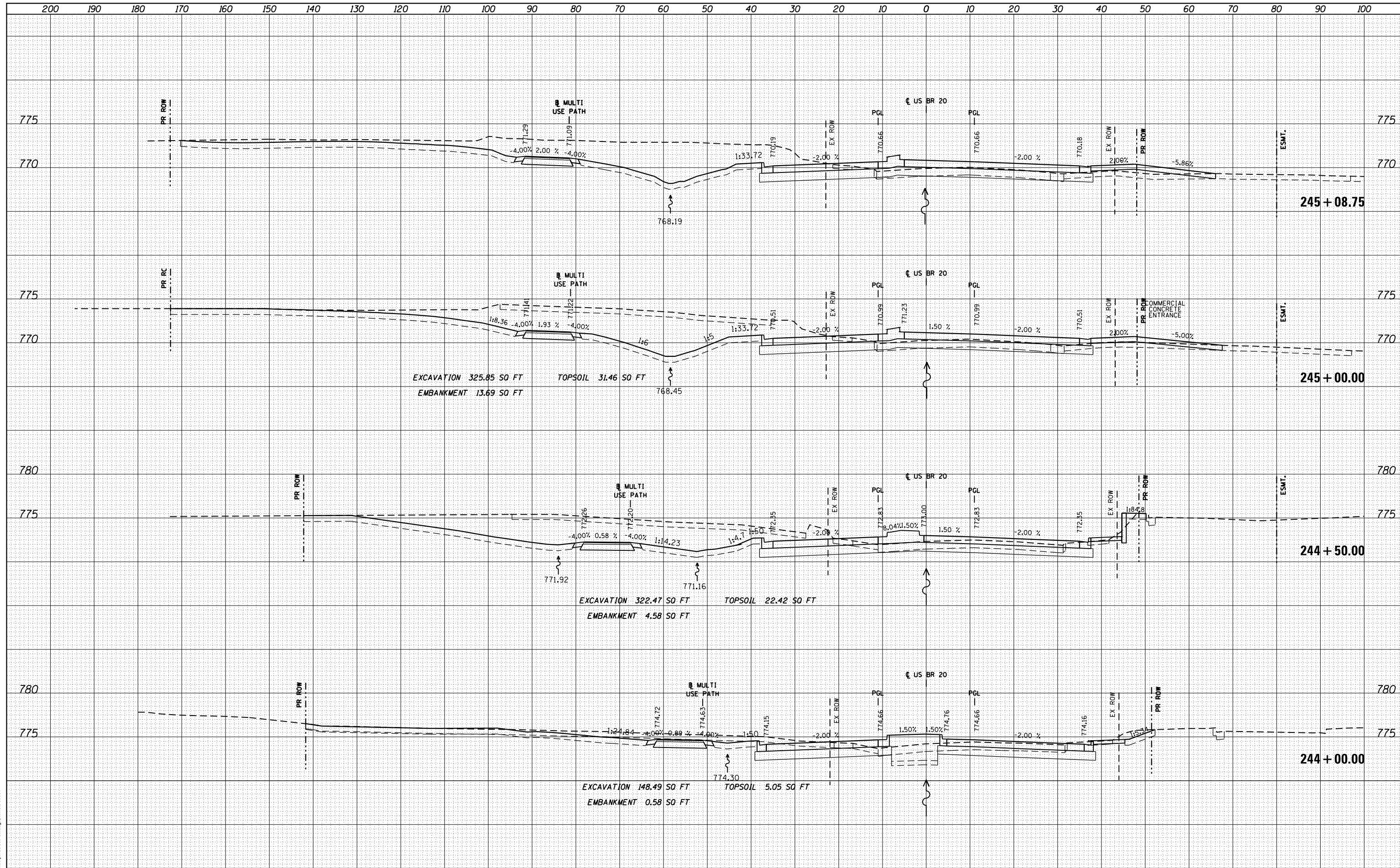


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es:\pw\work\p\dot\dossed\0317626\0264750-sh-	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	244	
		CHECKED - RCH	REVISED -			CONTRACT NO. 64750					
PLOT DATE = Mon Dec 17 16:49:02 2012		DATE - \$SUBDATE\$	REVISED -			ILLINOIS FED. AID PROJECT					

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NOTE BOOK	
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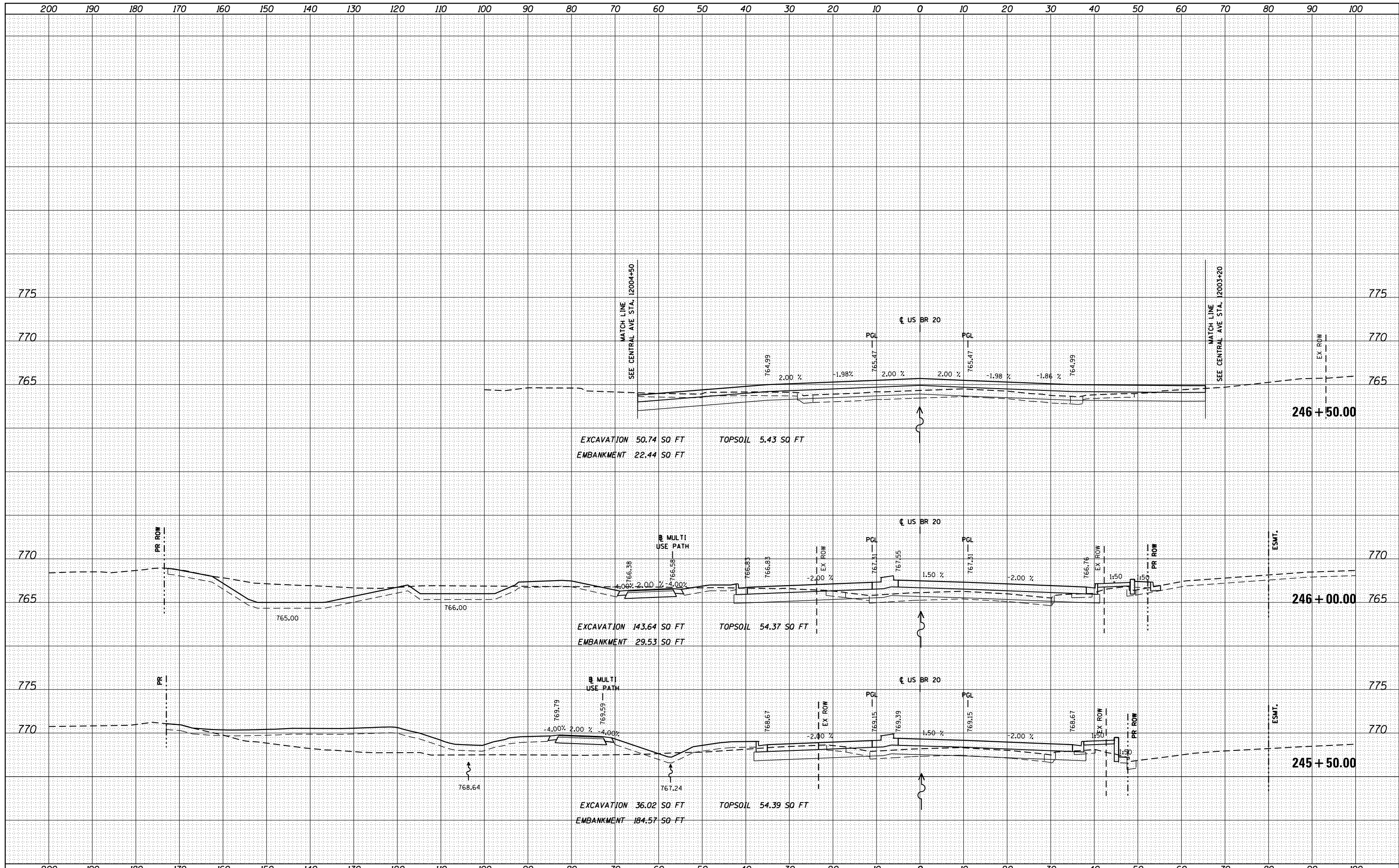


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es:\pw_work\p\dot\dosddd\0317626\0264750-sh	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			CONTRACT NO. 64750				
PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISIED -				ILLINOIS FED. AID PROJECT				
PLOT DATE = Mon Dec 17 16:49:10 2012	DATE - \$SUBDATE\$	REVISIED -								

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FINISHED SURVEY	
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NOTE BOOK	
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FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE (US BUS 20) CROSS SECTIONS			F.A.P. RTE. 303	SECTION 41R	COUNTY WINNEBAGO	TOTAL SHEETS 327	SHEET NO. 246
es:\pw_work\pwt\dot\dosddd\0317626\0264750-sh	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -		SCALE: 1"=10'H; 1"=5'	SHEET NO. 5 OF	SHEETS	STA. 245+50.00	TO STA. 246+50.00	CONTRACT NO. 64750		
PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISIED -			ILLINOIS FED. AID PROJECT							
PLOT DATE = Mon Dec 17 16:49:24 2012	DATE - \$SUBDATE\$	REVISIED -			XS-5							

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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 DATE - *SUBDATE*

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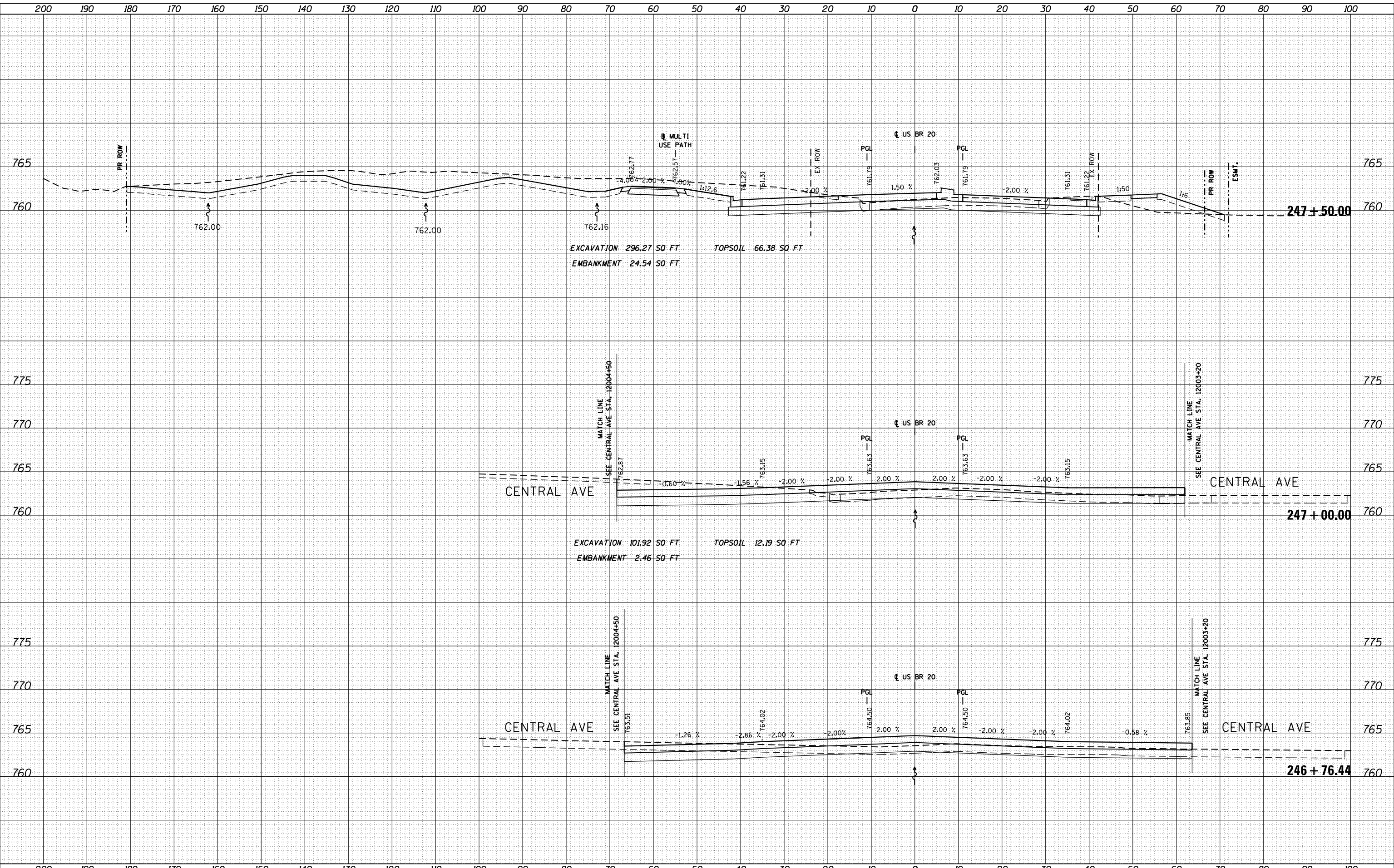
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE (US BUS 20) CROSS SECTIONS

SCALE: 1"=10'H; 1"=5'V SHEET NO. 6 OF SHEETS STA. 246+76.44 TO STA. 247+50.00

F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	383	247
			CONTRACT NO.	64750

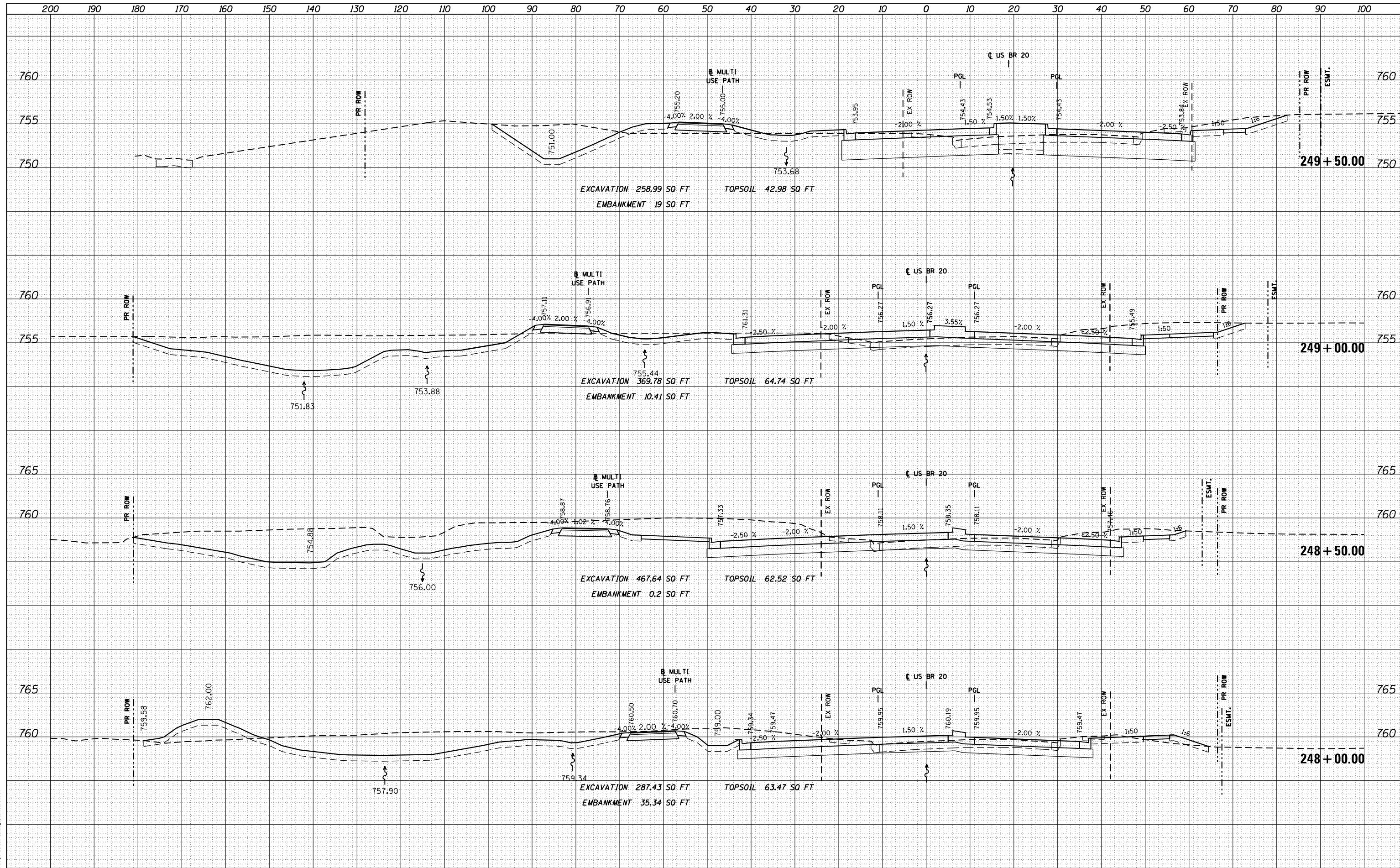
ILLINOIS FED. AID PROJECT



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	AREAS CHECKED

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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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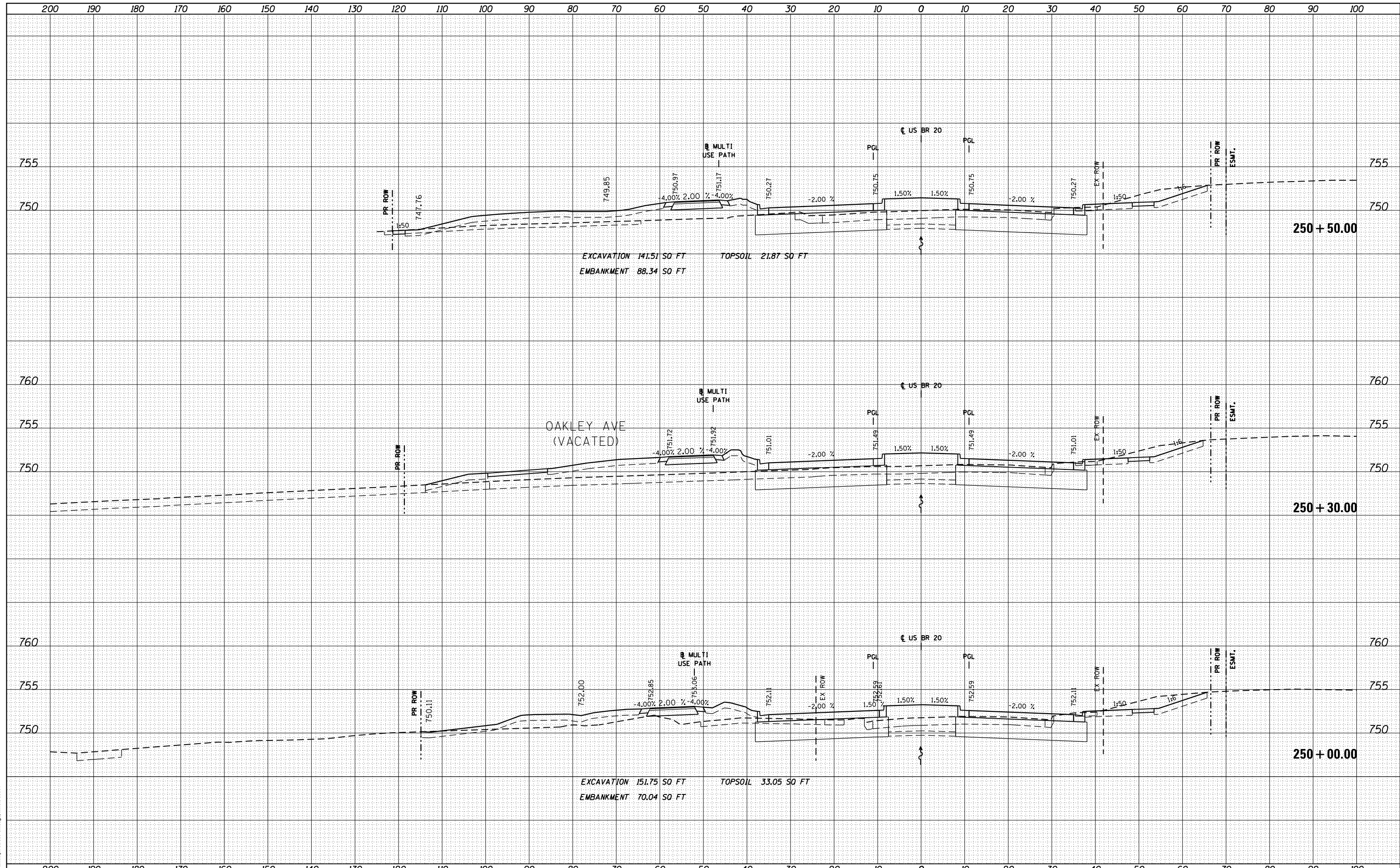


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es:\pw\work\p\dot\dosddd\0317626\0264750-sh-	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	248	
		PLOT SCALE = 20.0000' / in.	REVISIED -			CONTRACT NO. 64750					
		PLOT DATE = Mon Dec 17 16:49:40 2012	REVISIED -			ILLINOIS FED. AID PROJECT					

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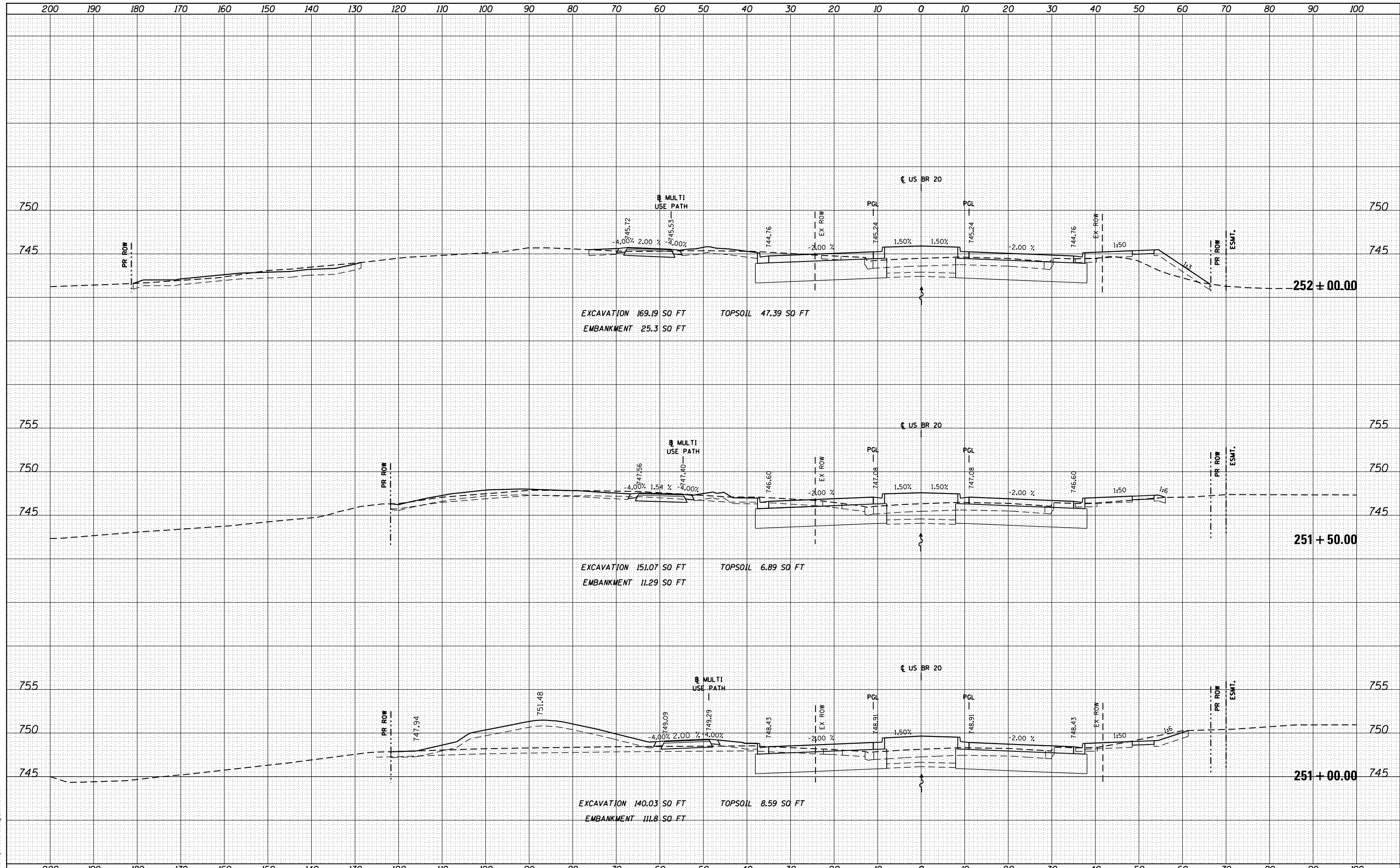
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FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE (US BUS 20) CROSS SECTIONS SCALE: 1"=10'H; 1"=5'V SHEET NO. 8 OF SHEETS STA. 250+00.00 TO STA. 250+50.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\p\dot\dosddd\d0317626\0264750-sh-	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	249
PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISED -	REVISED -			CONTRACT NO. 64750				
PLOT DATE = Mon Dec 17 16:49:49 2012	DATE - \$SUBDATE\$	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				

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FINAL SURVEY NO.	
SURVEYED PLOTTED	
NOTE BOOK AREAS CHECKED	

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NOTE BOOK AREAS CHECKED	

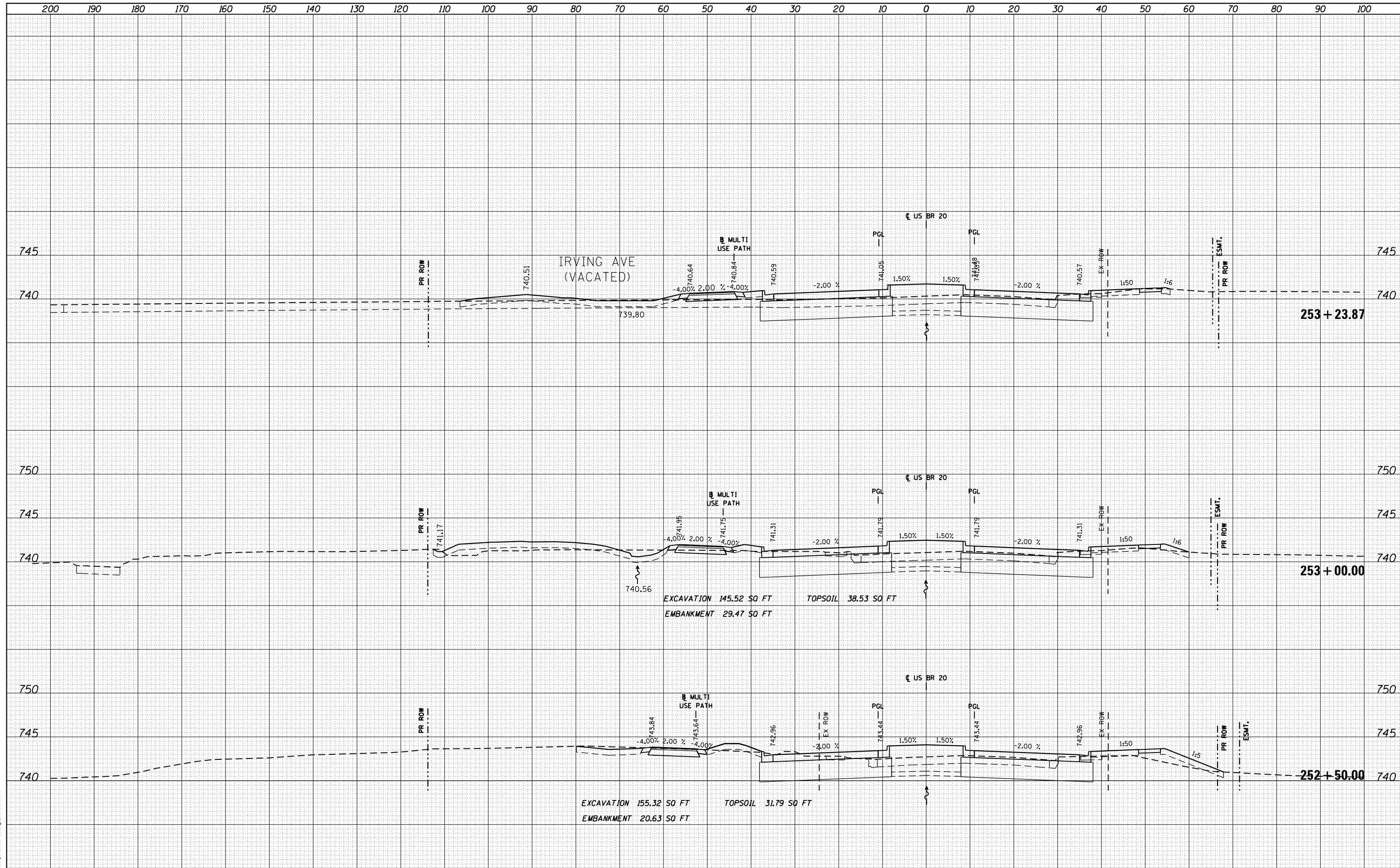


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es:\pw_work\pwtodot\dossdd\0317626\0264750-sh-	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	250
PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISIED -				CONTRACT NO. 64750				
PLOT DATE = Mon Dec 17 16:49:56 2012	DATE - \$SUBDATE\$	REVISIED -				ILLINOIS FED. AID PROJECT				

DATE	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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AREAS CHECKED	
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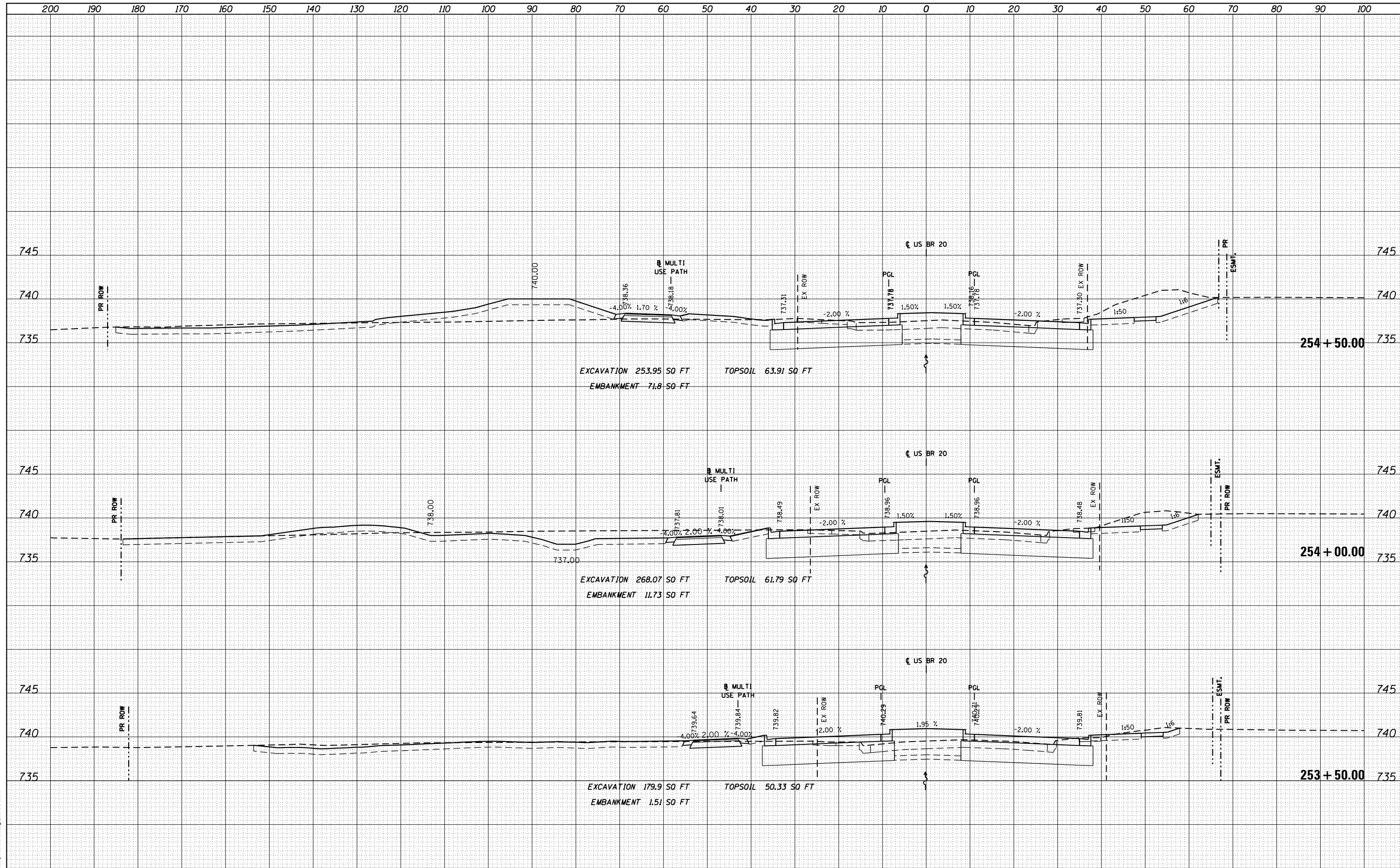


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cs:\pw_work\p\dot\dosddd\0317626\0264750-sh-	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	251
PLOT SCALE = 20.0000' / in.		CHECKED - RCH	REVISED -			CONTRACT NO. 64750				
PLOT DATE = Mon Dec 17 16:50:06 2012		DATE - \$SUBDATE\$	REVISED -			ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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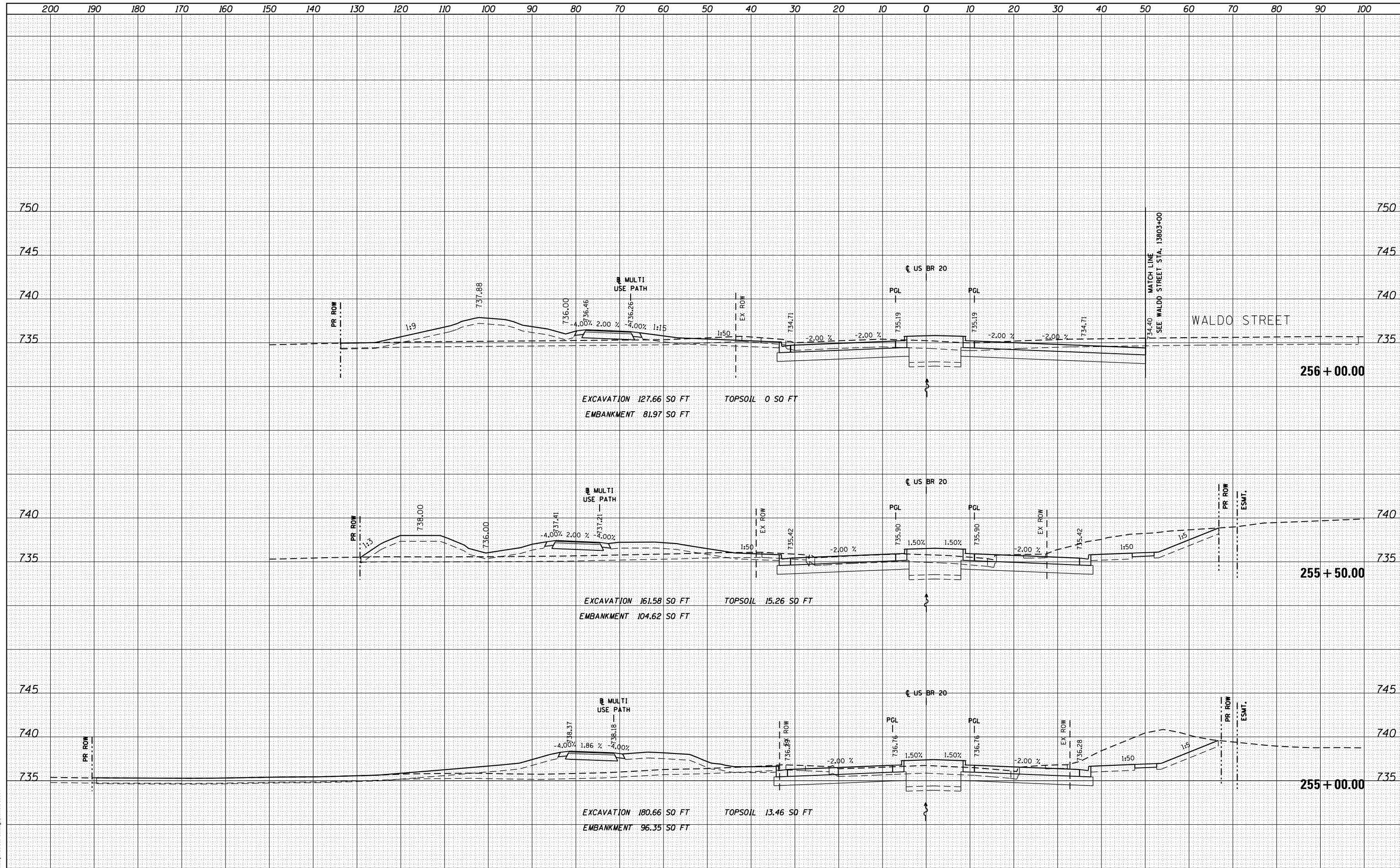


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es:\pw_work\pwtidot\dosddd\d0317626\0264750-sh	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	252	
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		DATE - \$SUBDATE\$	REVISED -			ILLINOIS FED. AID PROJECT					

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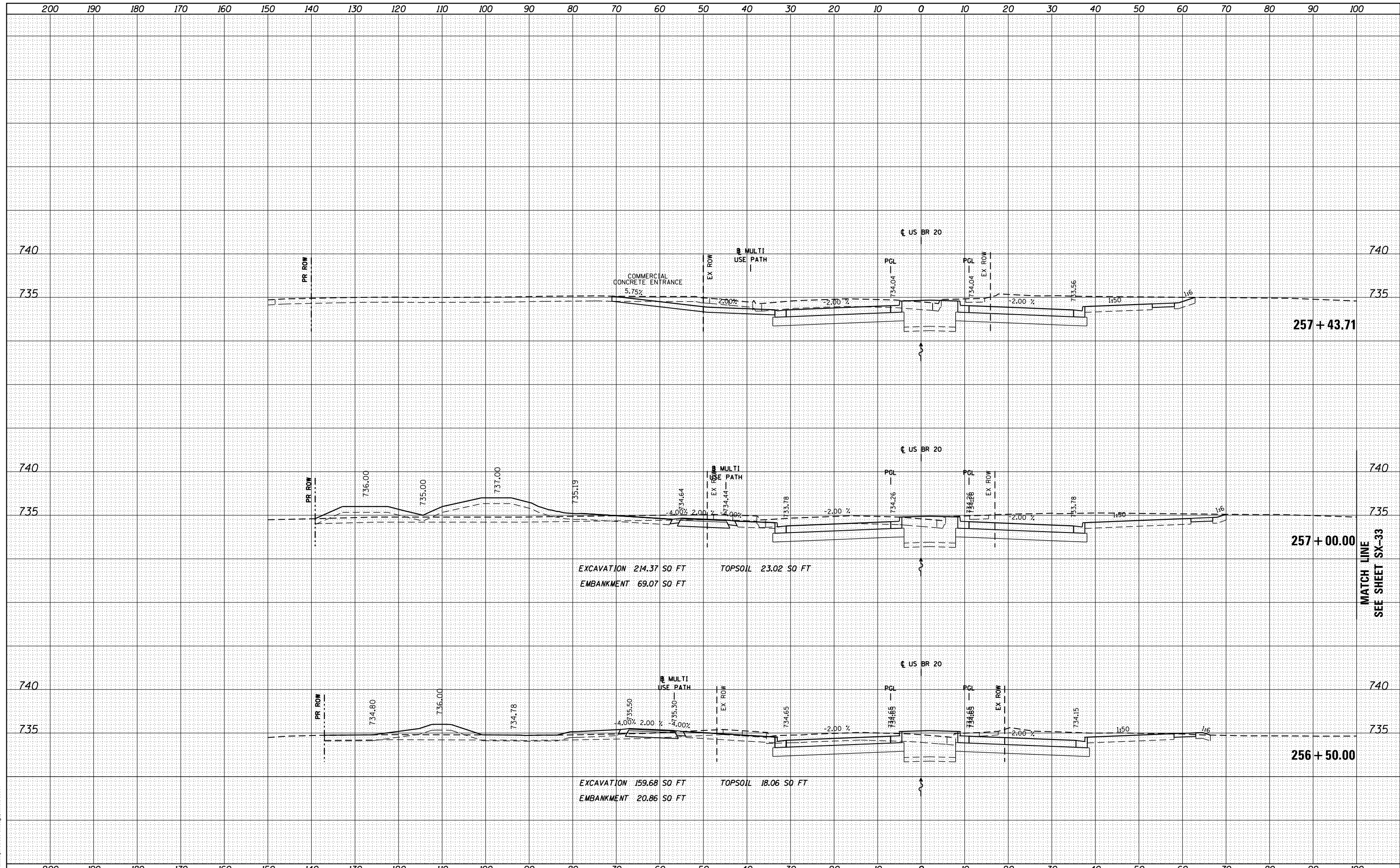


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es:\pw\work\p\dot\dosddd\d0317626\0264750-sh	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	253
PLOT SCALE = 20.0000' / in.		CHECKED - RCH	REVISED -			CONTRACT NO. 64750				
PLOT DATE = Mon Dec 17 16:50:28 2012		DATE - \$SUBDATE\$	REVISED -			ILLINOIS FED. AID PROJECT				

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FINISHED SURVEY	
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NOTE BOOK	
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NOTE BOOK	
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EXCAVATION 214.37 SQ FT TOPSOIL 23.02 SQ FT
 EMBANKMENT 69.07 SQ FT

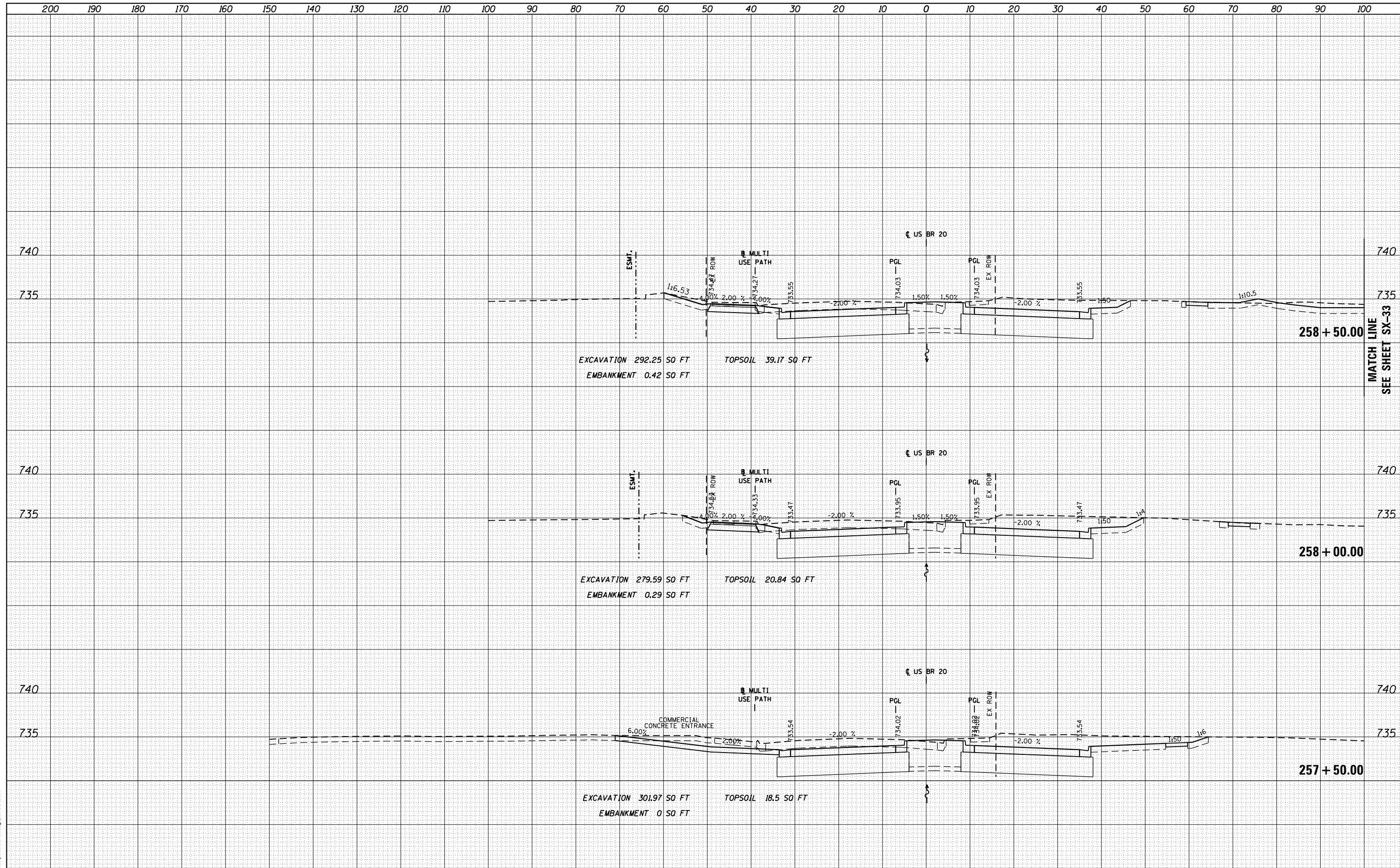
EXCAVATION 159.68 SQ FT TOPSOIL 18.06 SQ FT
 EMBANKMENT 20.86 SQ FT

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es:\pw_work\p\dot\dosddd\0317626\0264750-sh-	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	254
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PLOT DATE = Mon Dec 17 16:50:36 2012	DATE - \$SUBDATE\$	REVISIED -								

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FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
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	TEMPLATE
	AREAS CHECKED

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FILE NAME =
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STATE (US BUS 20) CROSS SECTIONS
 SCALE: 1"=10'H; 1"=5'V SHEET NO. 14 OF SHEETS STA. 257+50.00 TO STA. 258+50.00

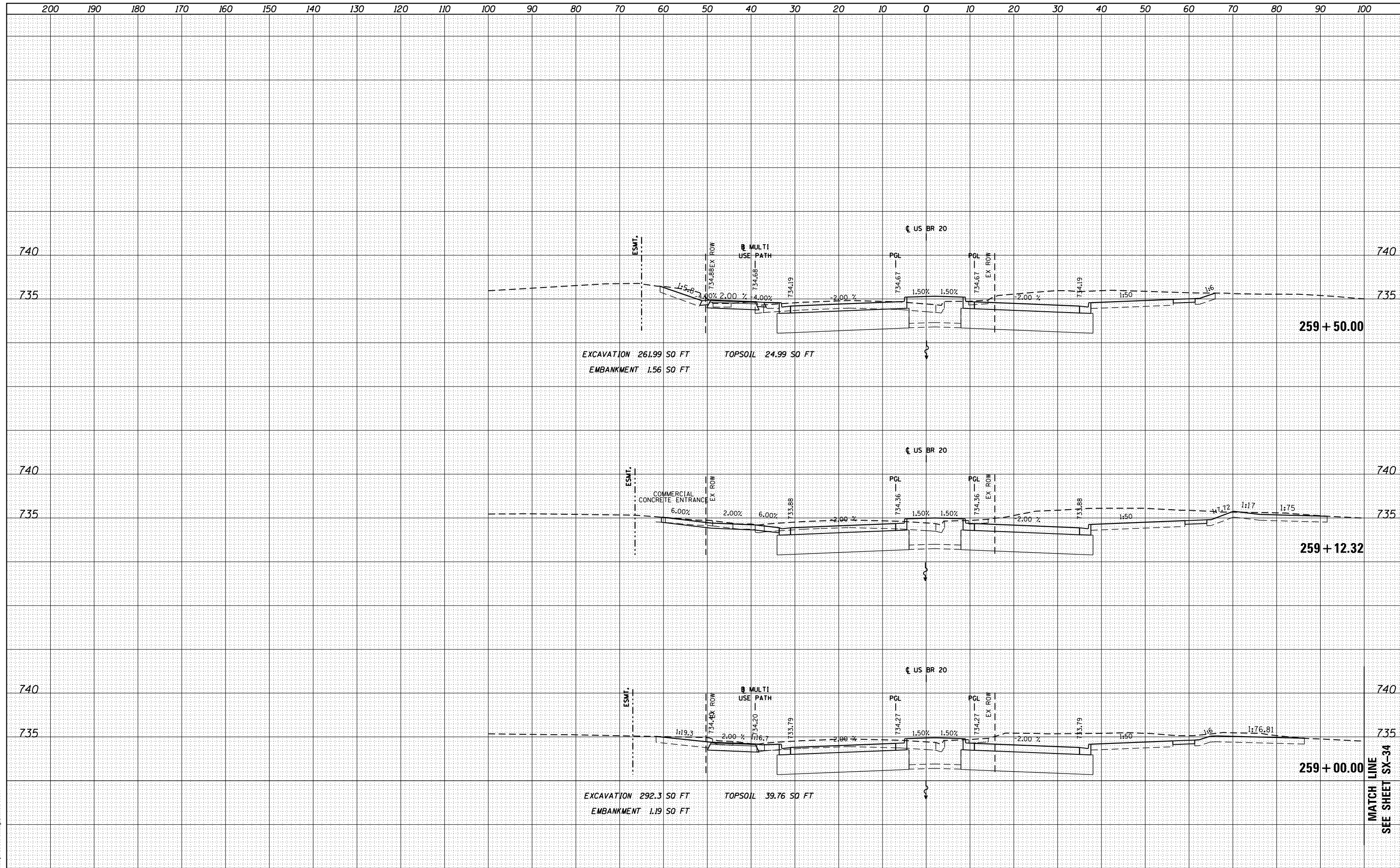
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	255
			CONTRACT NO. 64750	

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
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ORIGINAL SURVEY	
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TEMPLATE	
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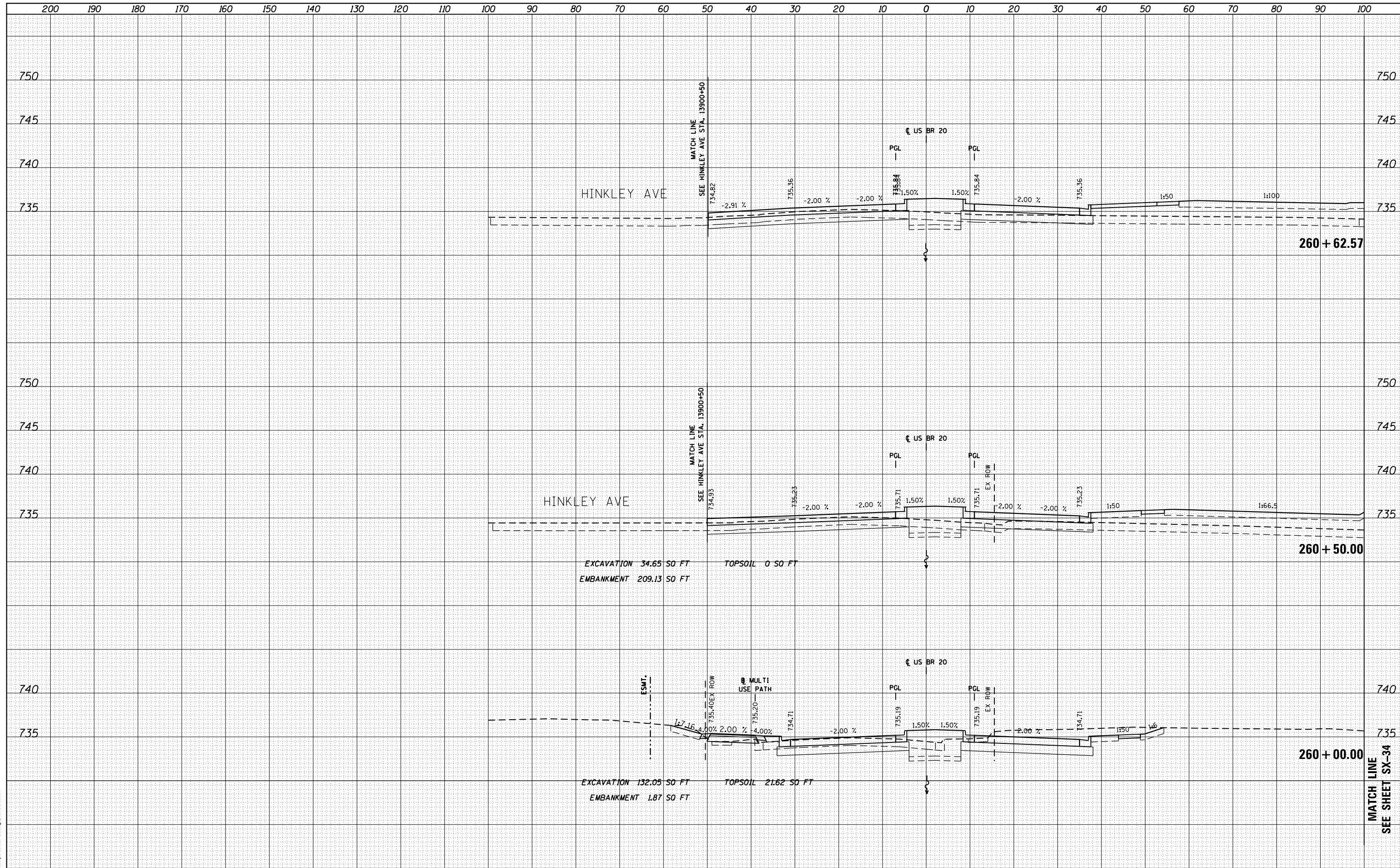
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es:\pw\work\p\dot\dossed\0317626\0264750-sh-	ssht-(pg242-273).dgn	DRAWN - JWM	REVISSED -			303	41R	WINNEBAGO	327	256
PLOT SCALE = 20.0000' / in.		CHECKED - RCH	REVISSED -			CONTRACT NO. 64750				
PLOT DATE = Mon Dec 17 16:50:55 2012		DATE - \$SUBDATE\$	REVISSED -			ILLINOIS FED. AID PROJECT				

MATCH LINE
SEE SHEET SX-34

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
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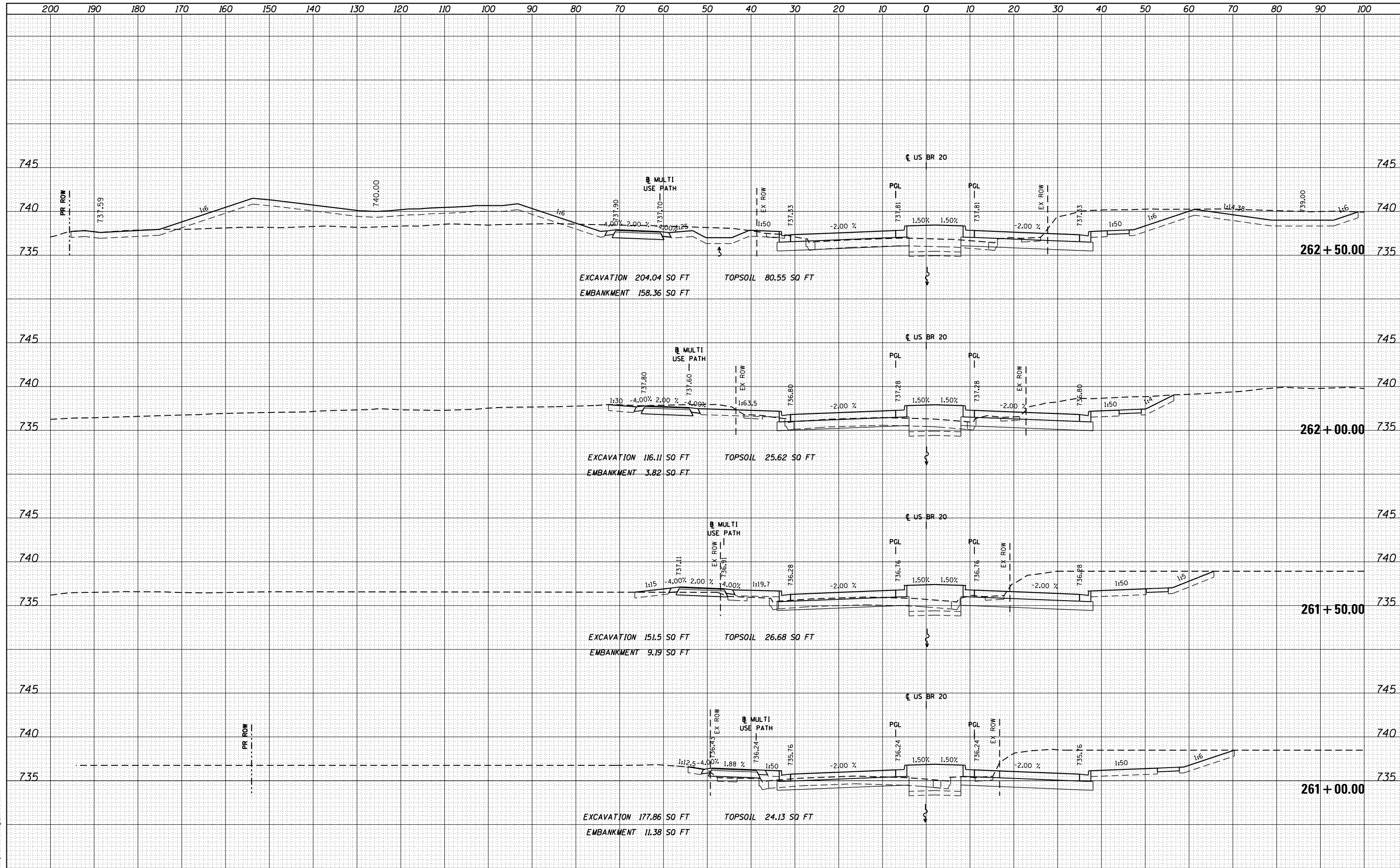


FILE NAME =	USER NAME = dossdd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE (US BUS 20) CROSS SECTIONS SCALE: 1"=10'H; 1"=5'V SHEET NO. 16 OF SHEETS STA. 260+00.00 TO STA. 260+62.57	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw_work\p\dot\dossdd\d0317626\0264750-sh-t-ssht-(pg242-273).dgn	PLOT SCALE = 20.0000 ' / in.	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	257	
PLOT DATE = Mon Dec 17 16:51:10 2012	DATE - \$SUBDATE\$	CHECKED - RCH	REVISED -			CONTRACT NO. 64750		ILLINOIS FED. AID PROJECT			
		DATE - \$SUBDATE\$	REVISED -								

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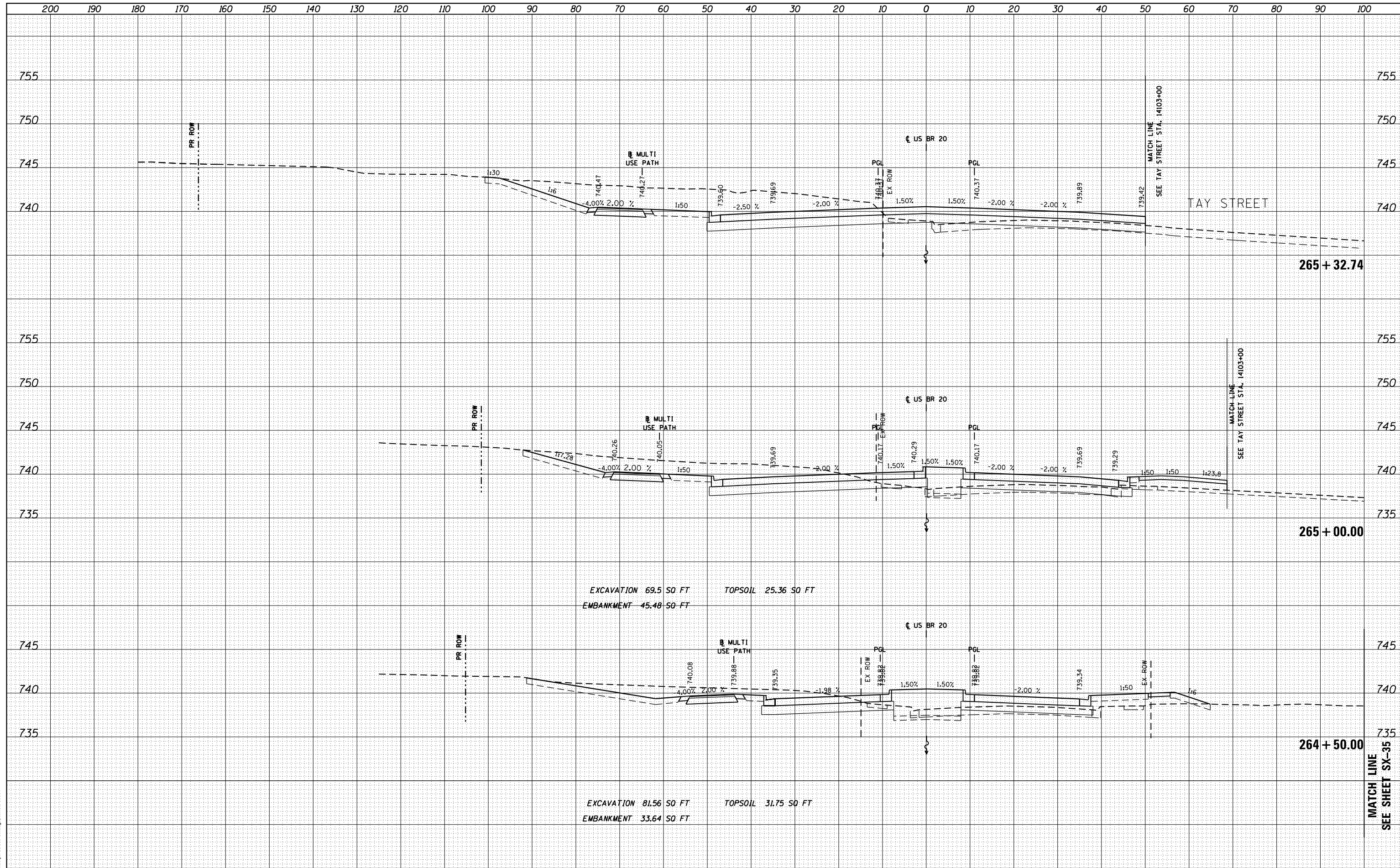


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PLOT SCALE = 20.0000' / in.		CHECKED - RCH	REVISED -		CONTRACT NO. 64750							
PLOT DATE = Mon Dec 17 16:51:17 2012		DATE - *SUBDATE*	REVISED -		ILLINOIS FED. AID PROJECT							

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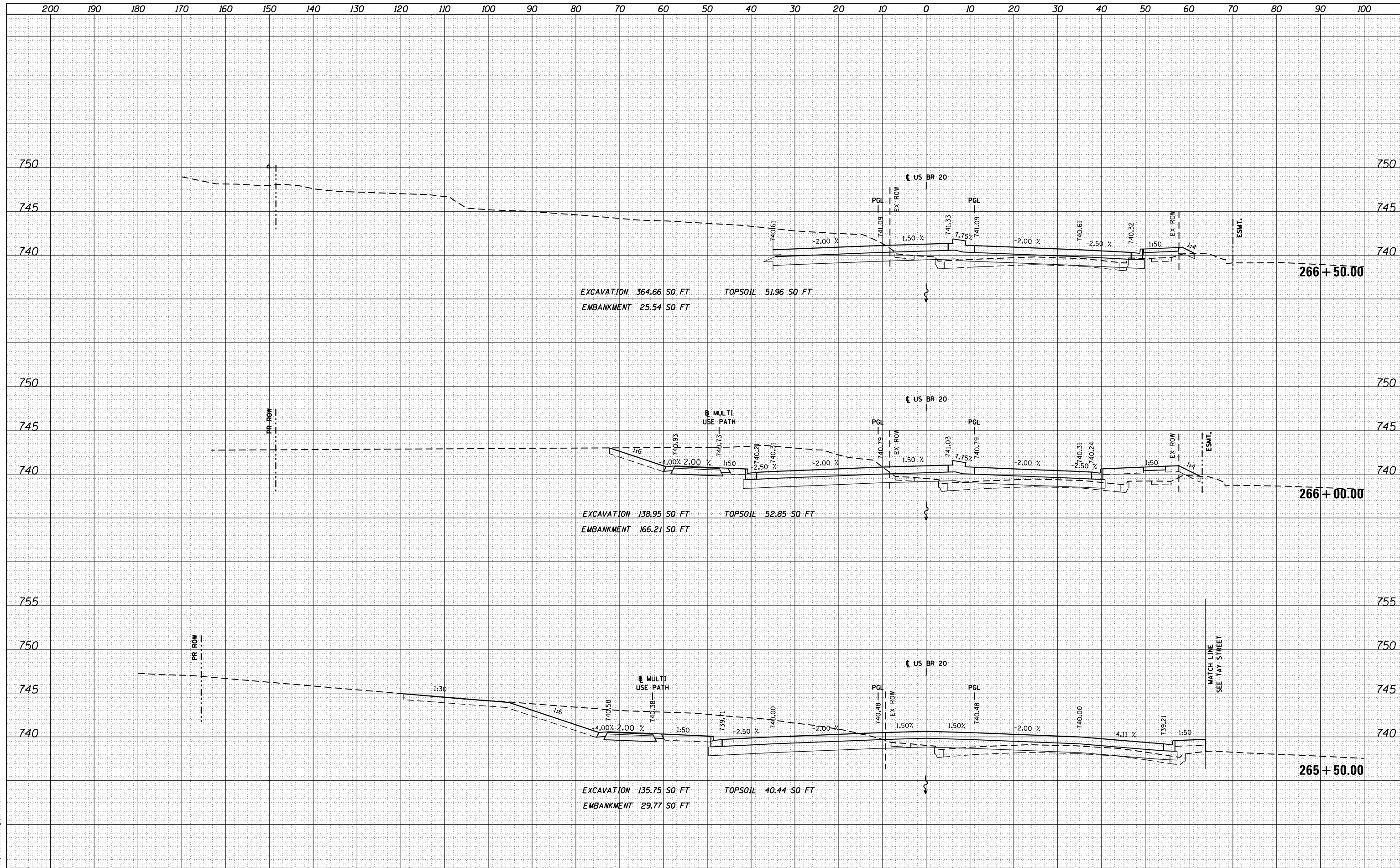


FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE (US BUS 20) CROSS SECTIONS SCALE: 1"=10'H; 1"=5' V SHEET NO. 19 OF SHEETS STA. 264+50.00 TO STA. 265+32.74	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\dosddd\0317626\0264750-sh-	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	260
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PLOT DATE = Mon Dec 17 16:51:33 2012	DATE - *SUBDATE*	REVISED -								

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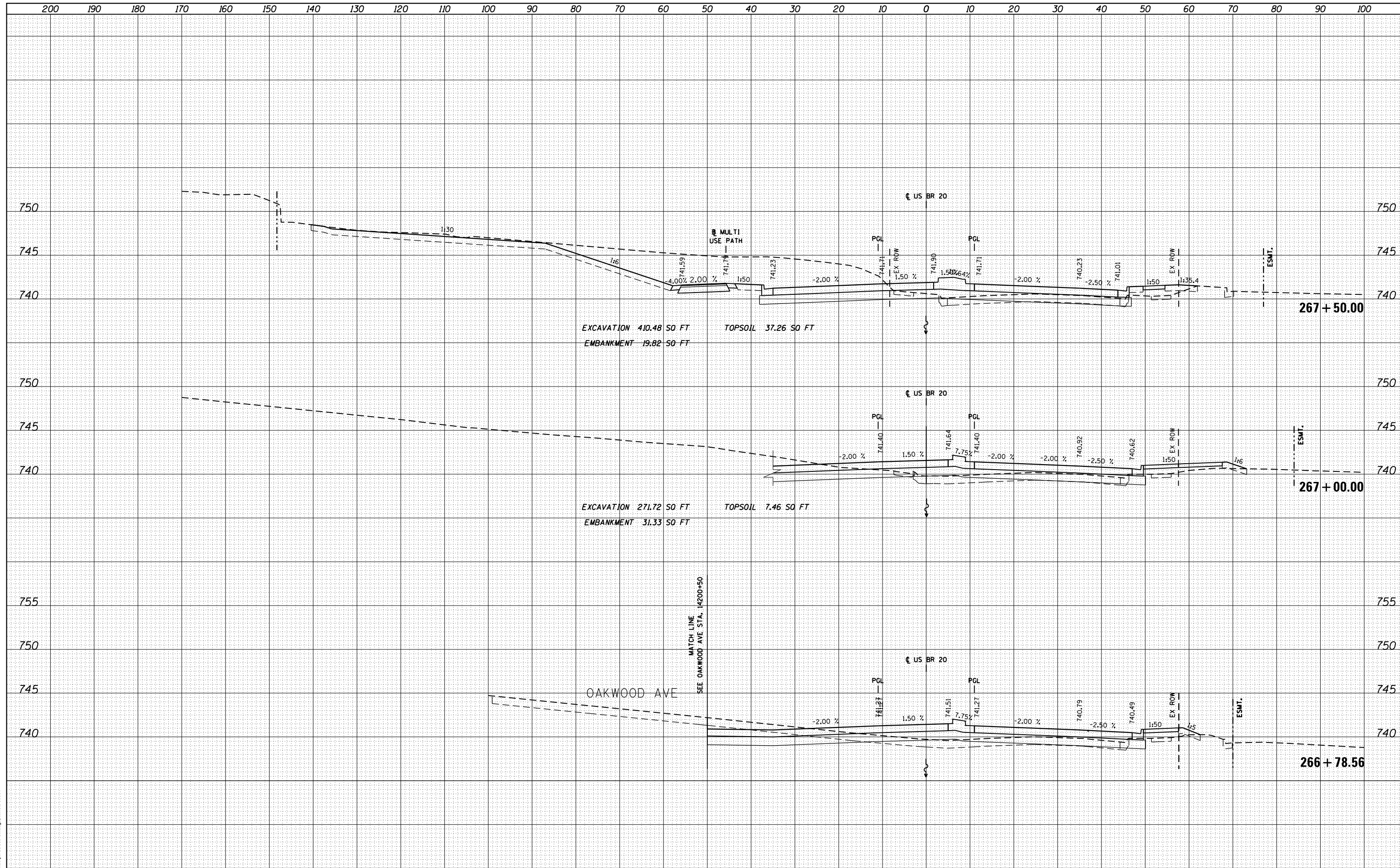
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FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE (US BUS 20) CROSS SECTIONS		F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED - RCH	REVISED -		CONTRACT NO. 64750						
PLOT SCALE = 20.0000' / in.	DATE - *SUBDATE*	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT						

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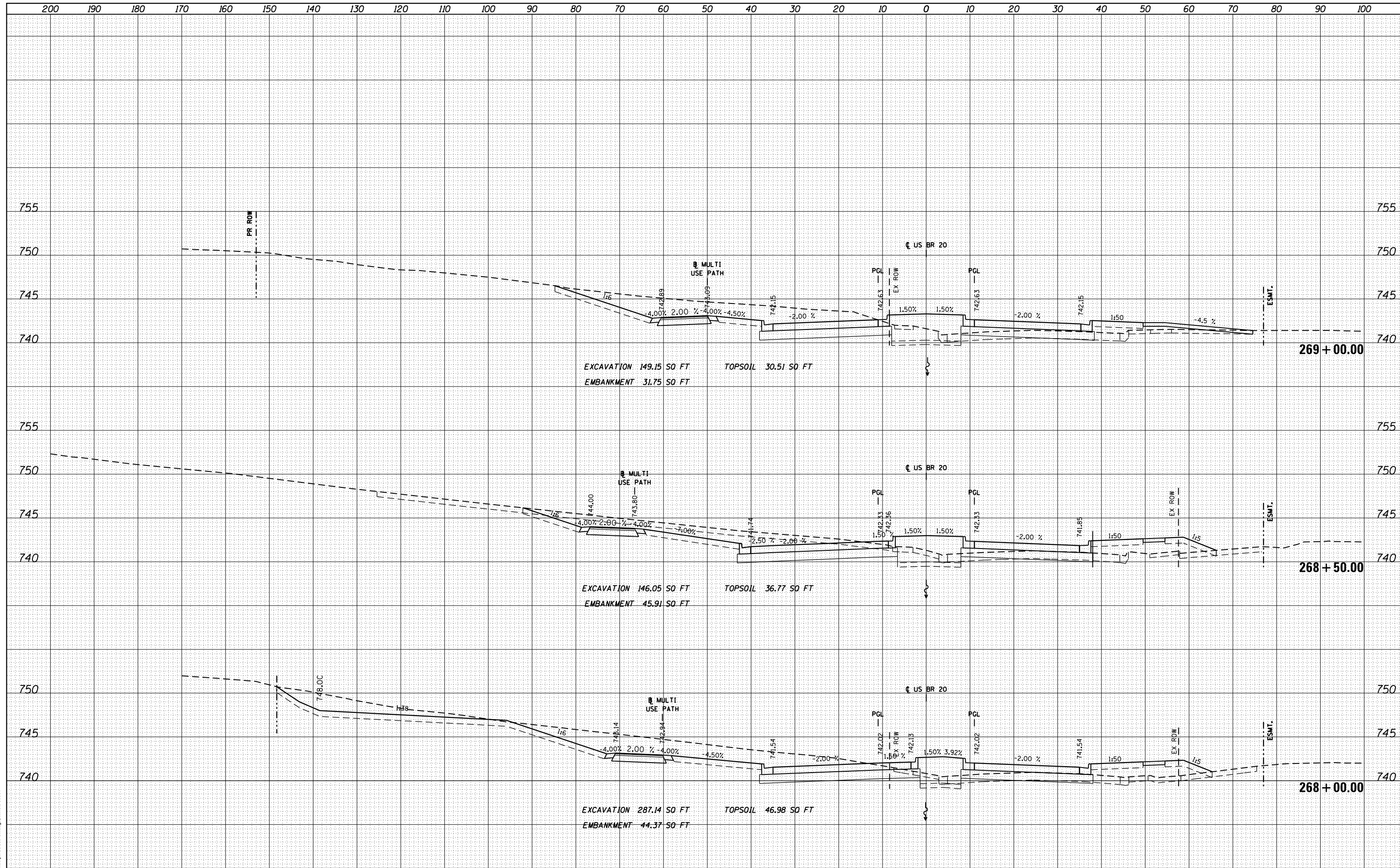


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es:\pw\work\p\dot\dosddd\0317626\0264750-sh-	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -		303	41R	WINNEBAGO	327	262			
PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISED -	SCALE: 1"=10'H; 1"=5'		SHEET NO. 21 OF	SHEETS	STA. 266+78.56	TO STA. 267+50.00	CONTRACT NO. 64750			
PLOT DATE = Mon Dec 17 16:51:57 2012	DATE - *SUBDATE*	REVISED -	ILLINOIS FED. AID PROJECT									

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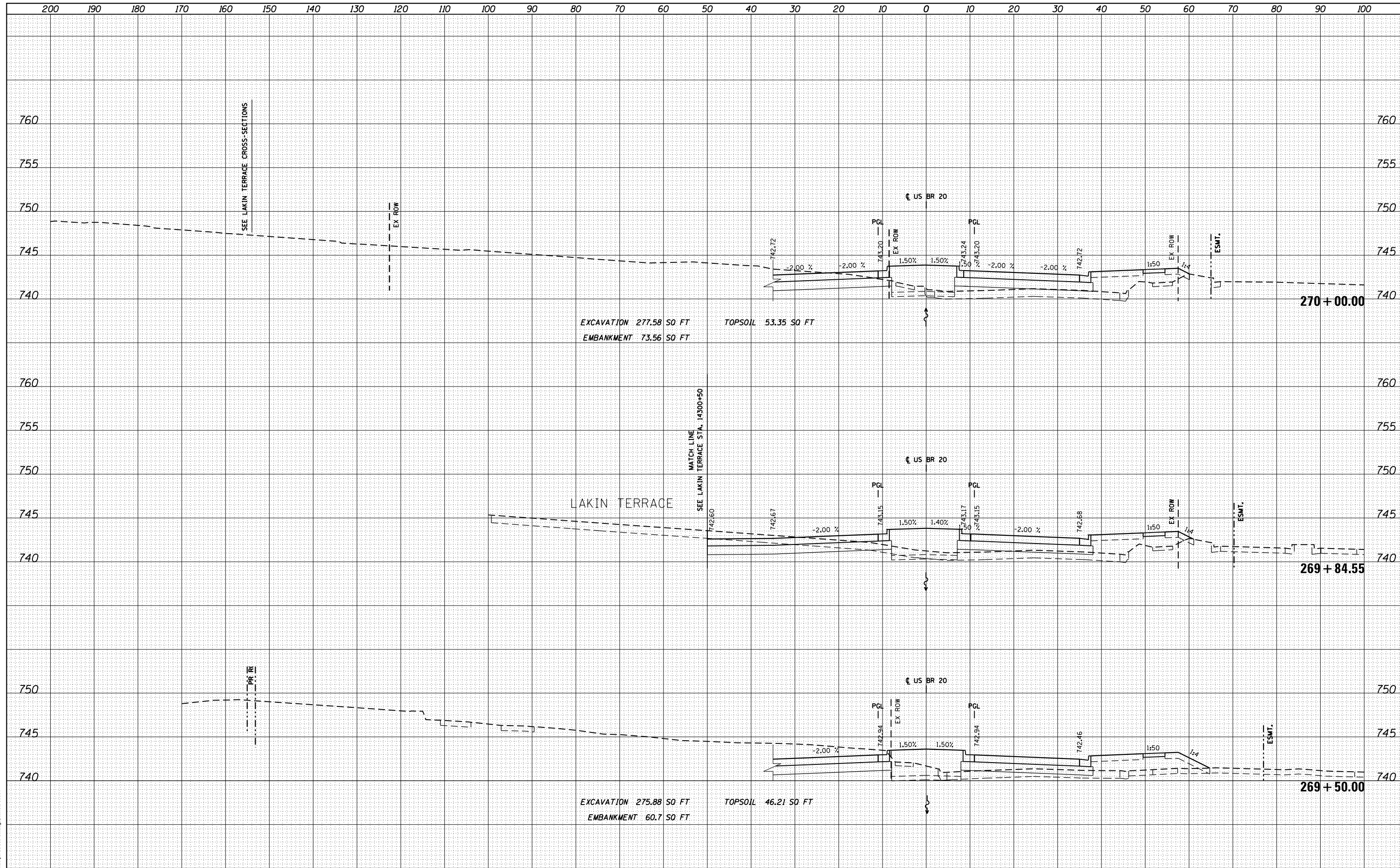


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cs:\pw-work\pwt\dot\dosddd\0317626\0264750-sh-t-ssht-(pg242-273).dgn		DRAWN - JWM	REVISIED -		303	41R	WINNEBAGO	327	263		
		CHECKED - RCH	REVISIED -		CONTRACT NO. 64750						
PLOT DATE = Mon Dec 17 16:52:13 2012		DATE - \$SUBDATE\$	REVISIED -		ILLINOIS FED. AID PROJECT						

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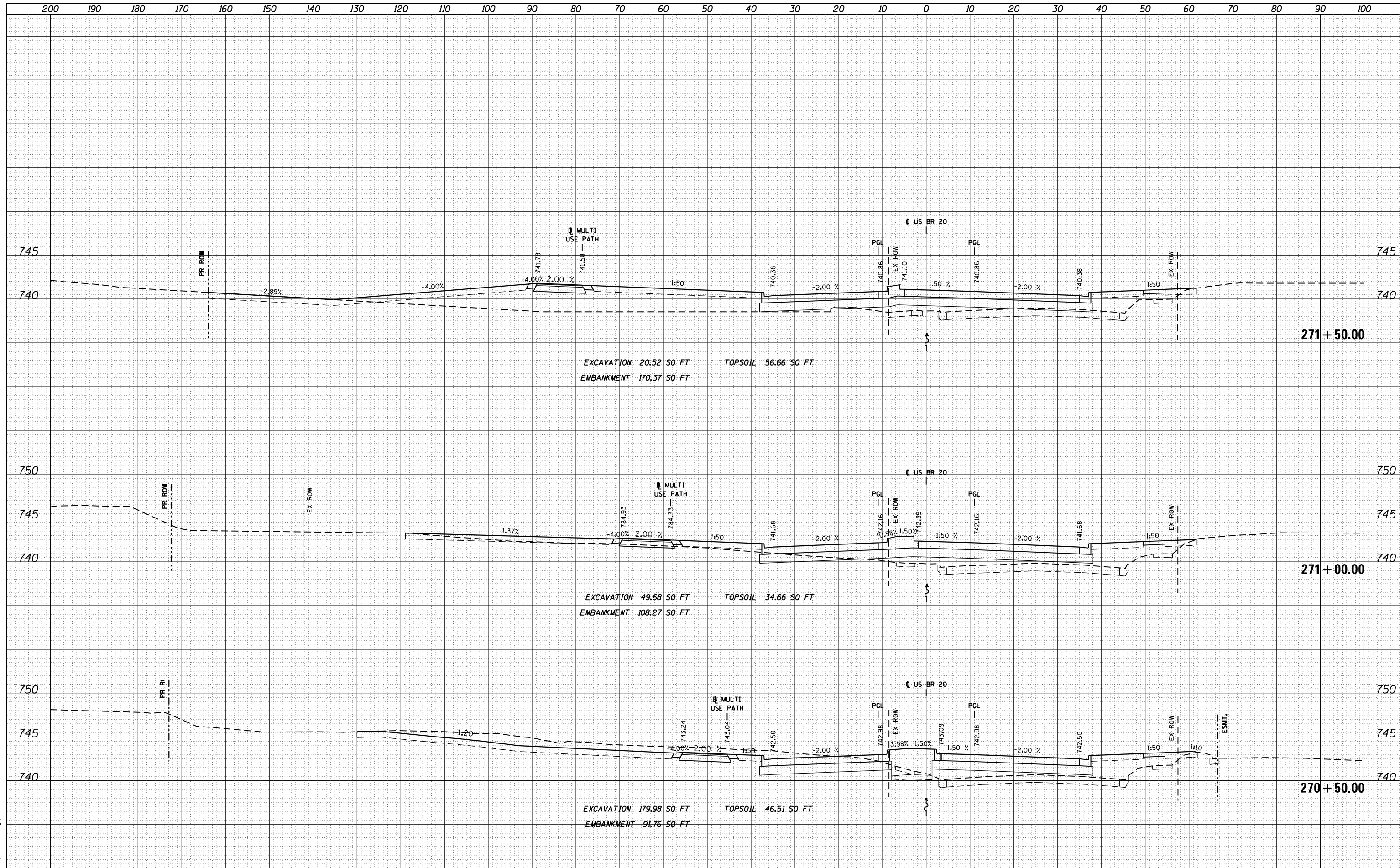


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PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISED -	REVISED -		SCALE: 1"=10'H; 1"=5'V			SHEET NO. 23 OF SHEETS		STA. 269+50.00 TO STA. 270+00.00		CONTRACT NO. 64750
PLOT DATE = Mon Dec 17 16:52:36 2012	DATE - *SUBDATE*	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

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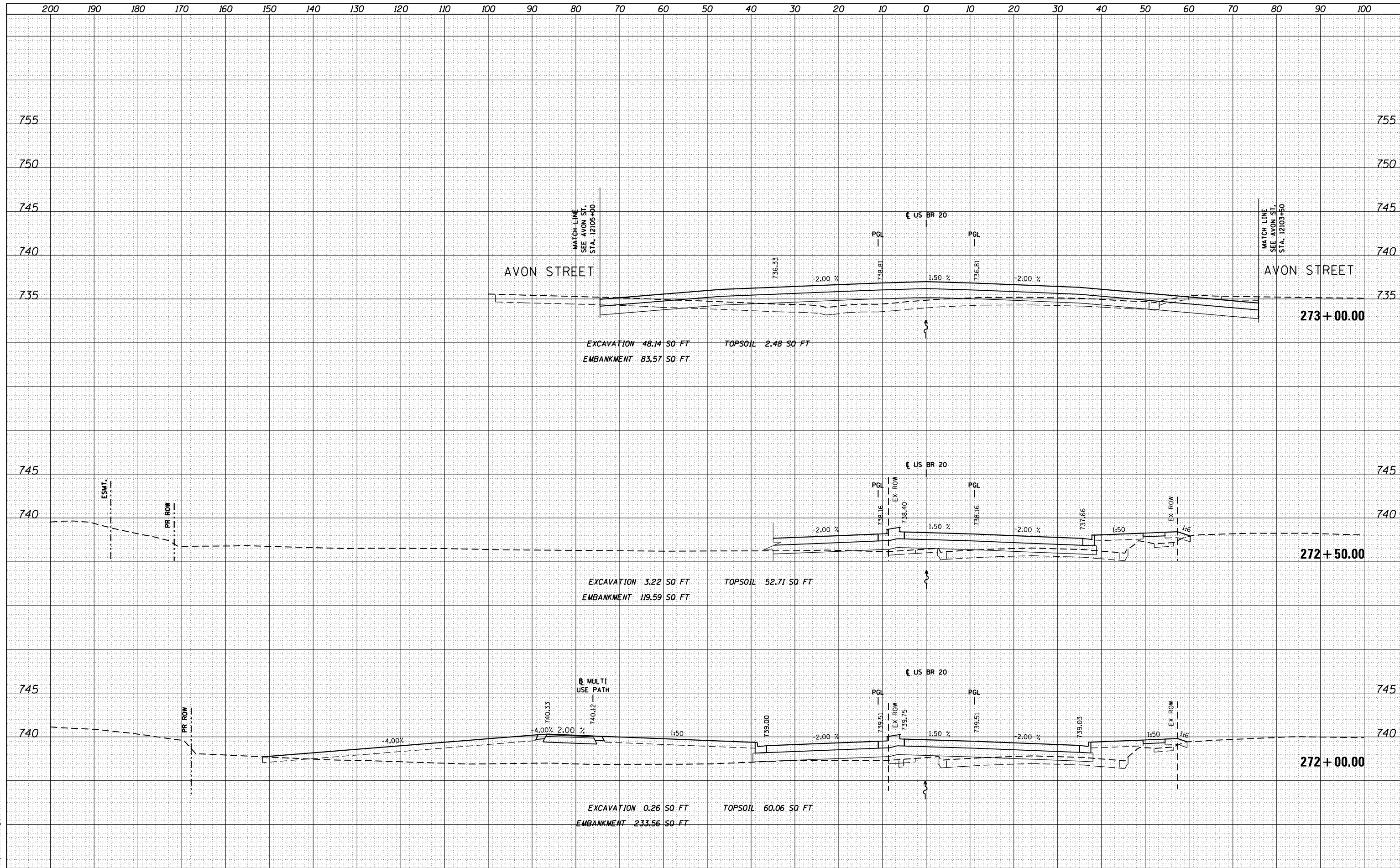


FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE (US BUS 20) CROSS SECTIONS			F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\dosddd\d0317626\0264750-sh	ssht-(pg242-273).dgn	DRAWN - JWM	REVISED -		303	41R	WINNEBAGO	327	265			
		CHECKED - RCH	REVISED -		CONTRACT NO. 64750							
		DATE - *SUBDATE*	REVISED -		ILLINOIS FED. AID PROJECT							

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FILE NAME =	USER NAME = dossdd	DESIGNED - JWM	REVISD -	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\pwt\dot\dossdd\0317626\0264750-sh1-ssht-(pg242-273).dgn		DRAWN - JWM	REVISD -	303	41R	WINNEBAGO	327	266
PLOT SCALE = 20.0000' / in.		CHECKED - RCH	REVISD -	CONTRACT NO. 64750				
PLOT DATE = Mon Dec 17 16:53:02 2012		DATE - \$SUBDATE\$	REVISD -	ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STATE (US BUS 20) CROSS SECTIONS

SCALE: 1"=10'H; 1"=5'V SHEET NO. 25 OF SHEETS STA. 272+00.00 TO STA. 273+00.00

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FILE NAME =
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CHECKED - RCH
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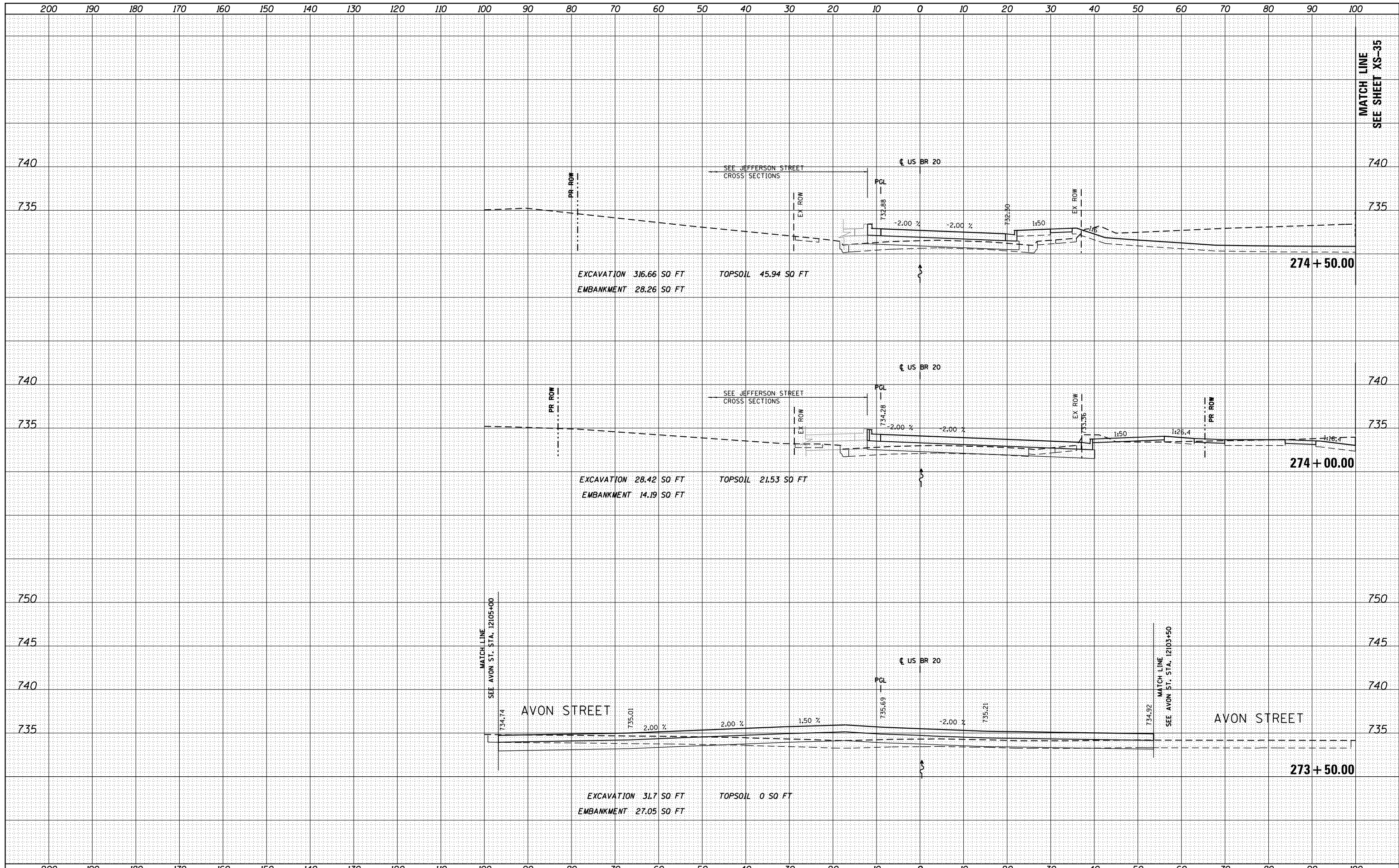
REVISSED -
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DATE - *SUBDATE*

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE (US BUS 20) CROSS SECTIONS

SCALE: 1"=10'H; 1"=5' SHEET NO. 26 OF SHEETS STA. 273+50.00 TO STA. 274+50.00

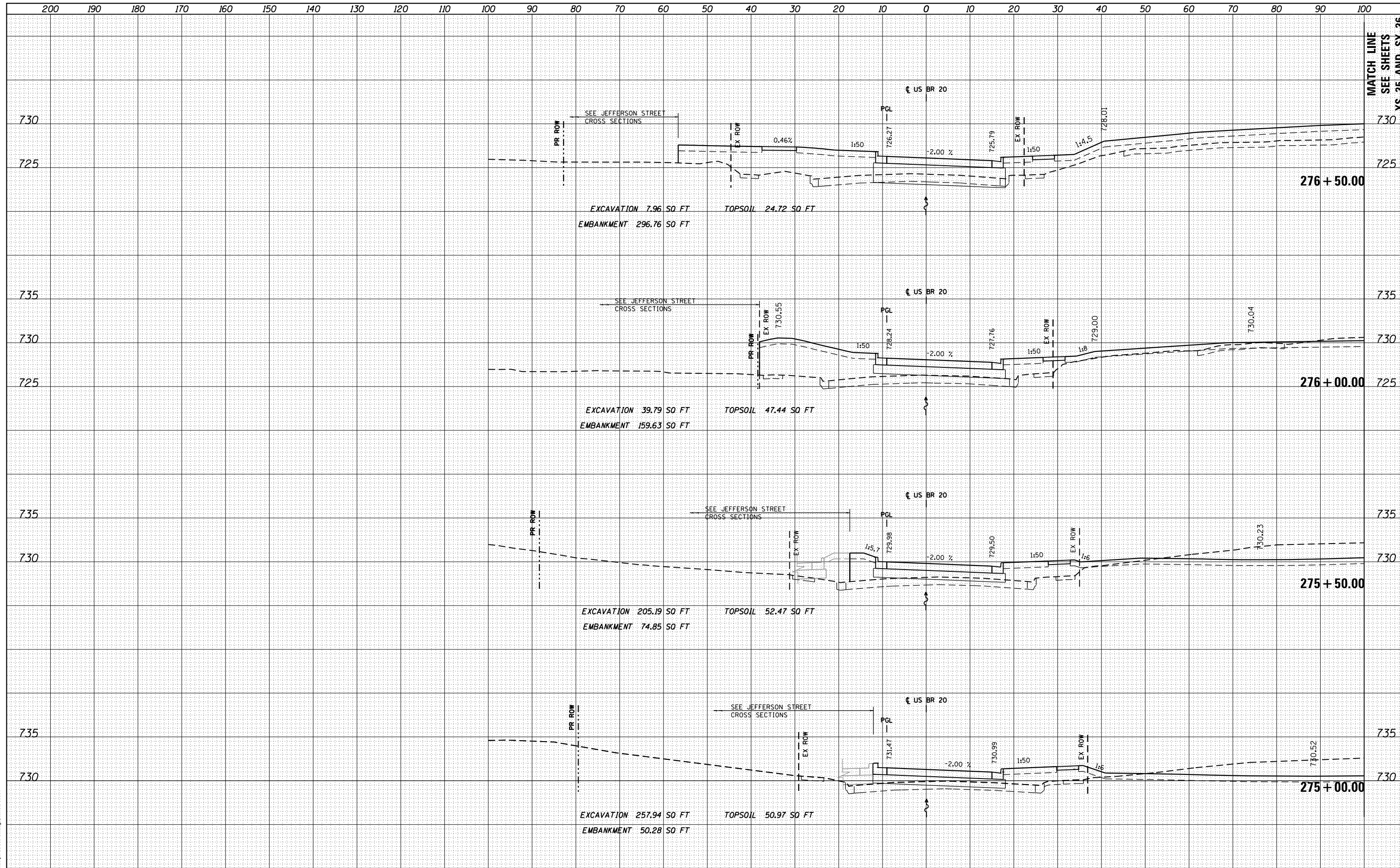
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	267
			CONTRACT NO.	64750
ILLINOIS FED. AID PROJECT				



MATCH LINE
SEE SHEET XS-35

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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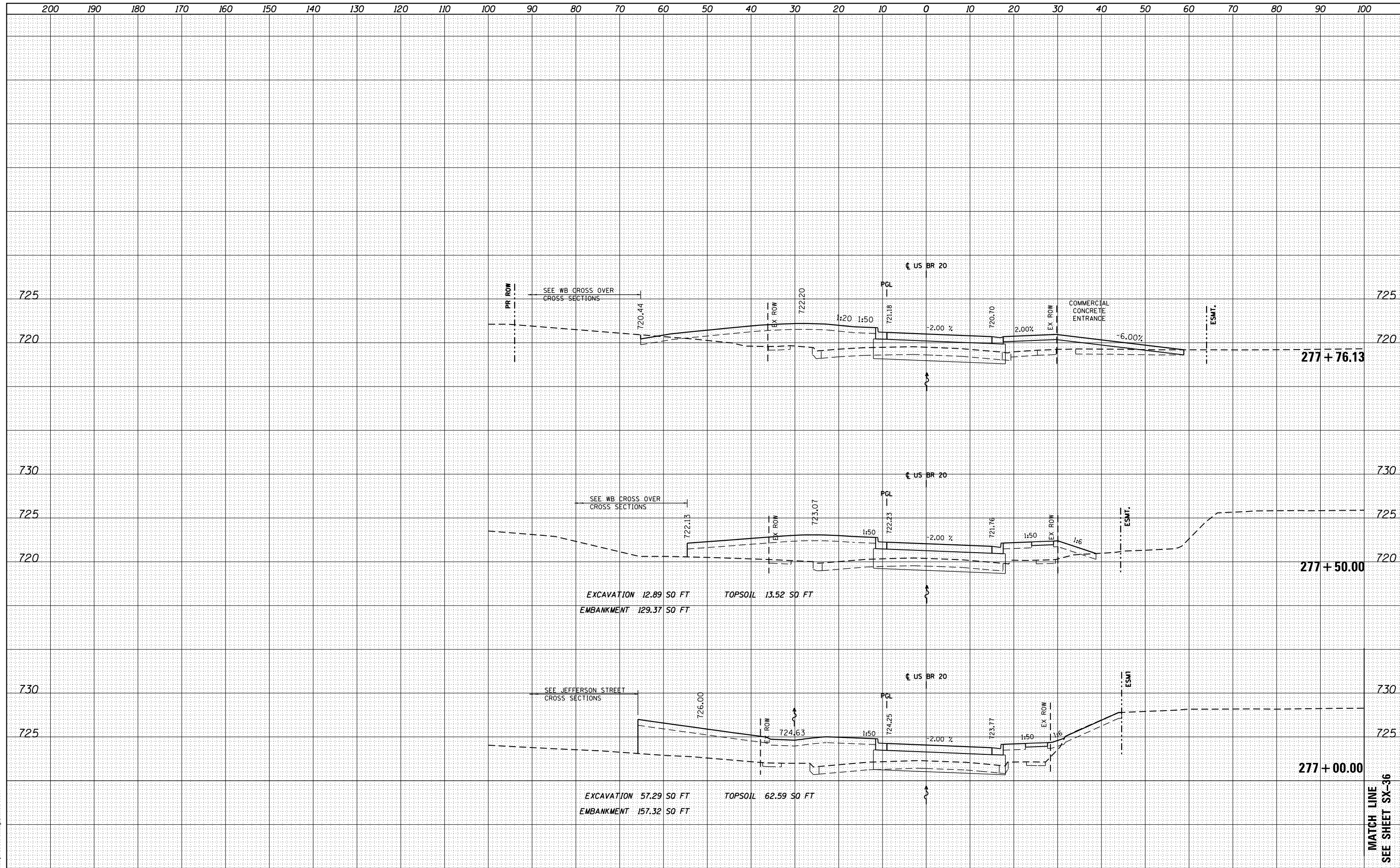
MATCH LINE
SEE SHEETS
XS-35 AND XS-36

FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE (US BUS 20) CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 20.0000' / in.		CHECKED - RCH	REVISED -		CONTRACT NO. 64750							
PLOT DATE = Mon Dec 17 16:53:19 2012		DATE - *SUBDATE*	REVISED -		ILLINOIS FED. AID PROJECT							

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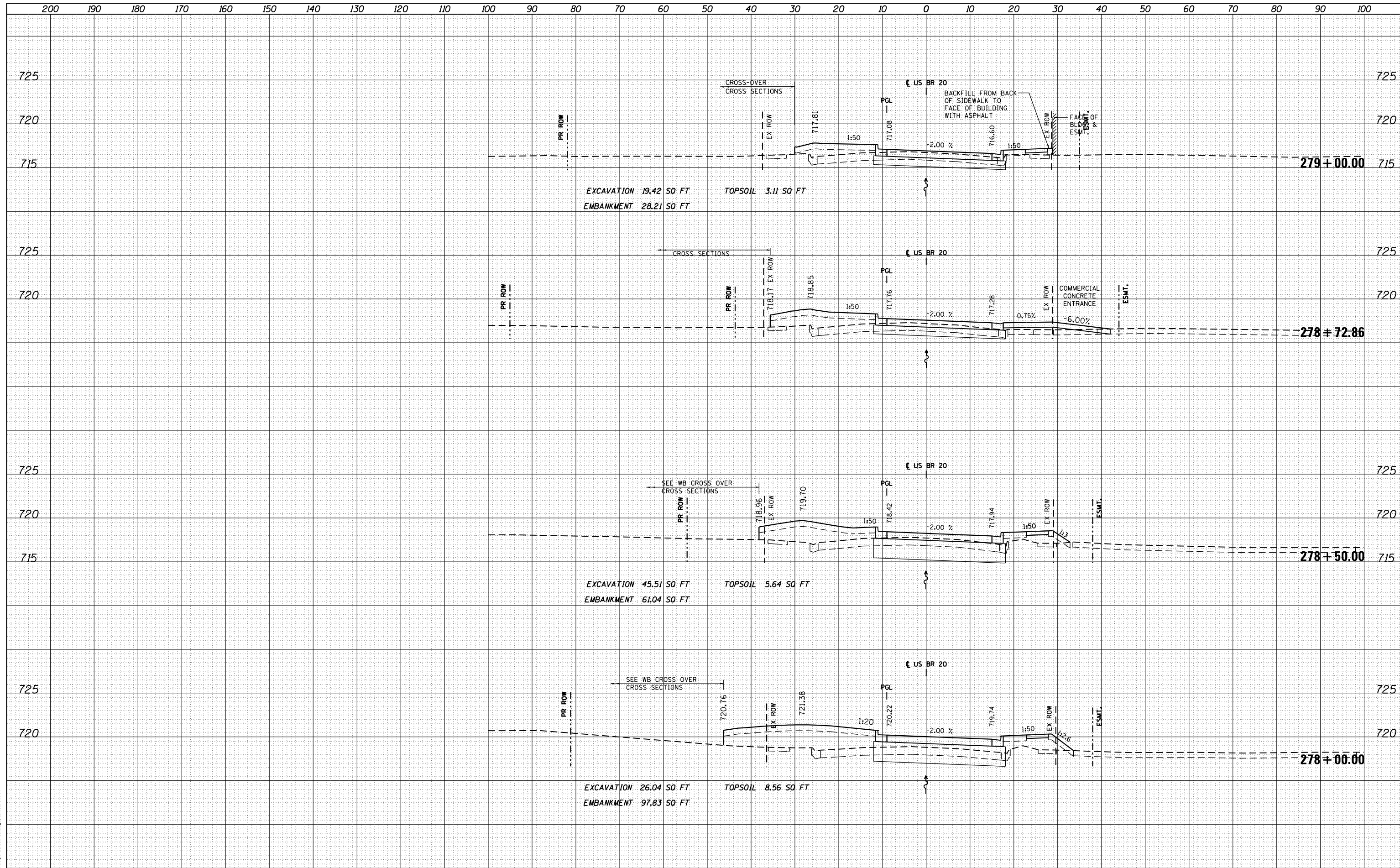
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PLOT SCALE = 20.0000 ' / in.		CHECKED - RCH	REVISED -			CONTRACT NO. 64750		ILLINOIS FED. AID PROJECT		
PLOT DATE = Mon Dec 17 16:53:27 2012		DATE - \$SUBDATE\$	REVISED -							

MATCH LINE
SEE SHEET SX-36

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FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

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NOTE BOOK	
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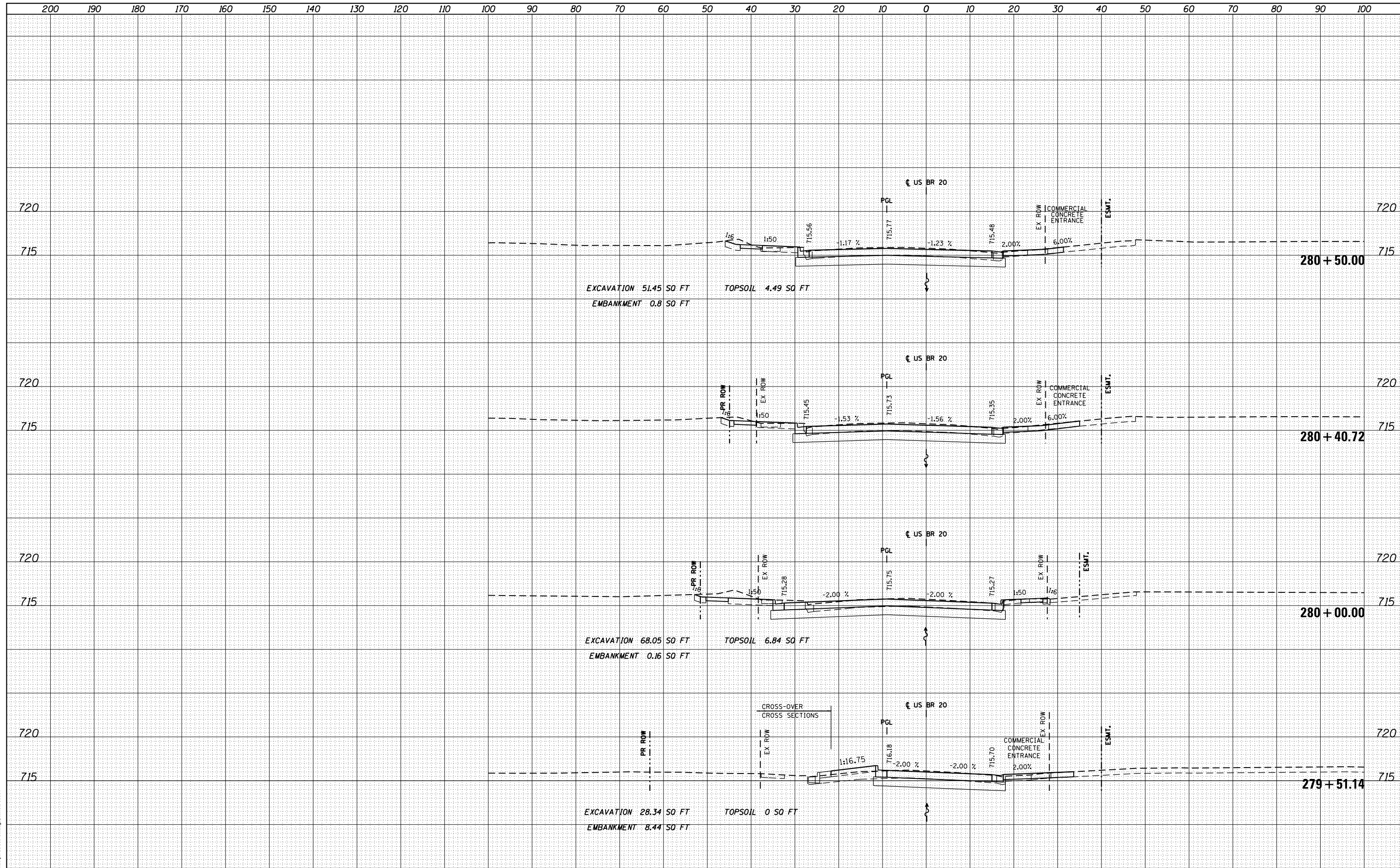


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PLOT DATE = Mon Dec 17 16:53:40 2012		DATE - \$SUBDATE\$	REVISED -			XS-29					

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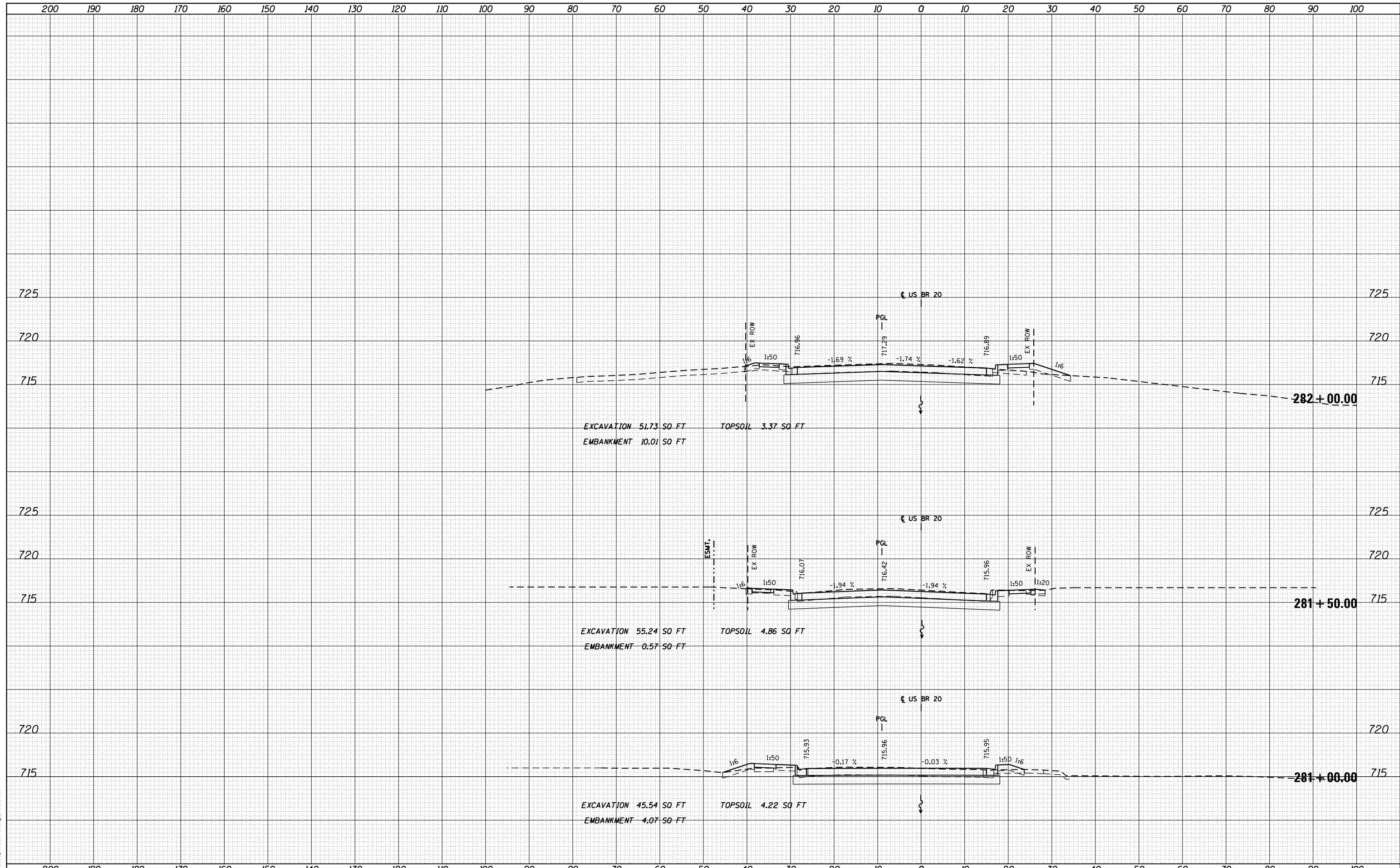


FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE (US BUS 20) CROSS SECTIONS			F.A.P. RTE. 303	SECTION 41R	COUNTY WINNEBAGO	TOTAL SHEETS 327	SHEET NO. 271
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PLOT SCALE = 20.0000 ' / in.		CHECKED - RCH	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = Mon Dec 17 16:53:49 2012		DATE - \$SUBDATE\$	REVISED -		XS-30							

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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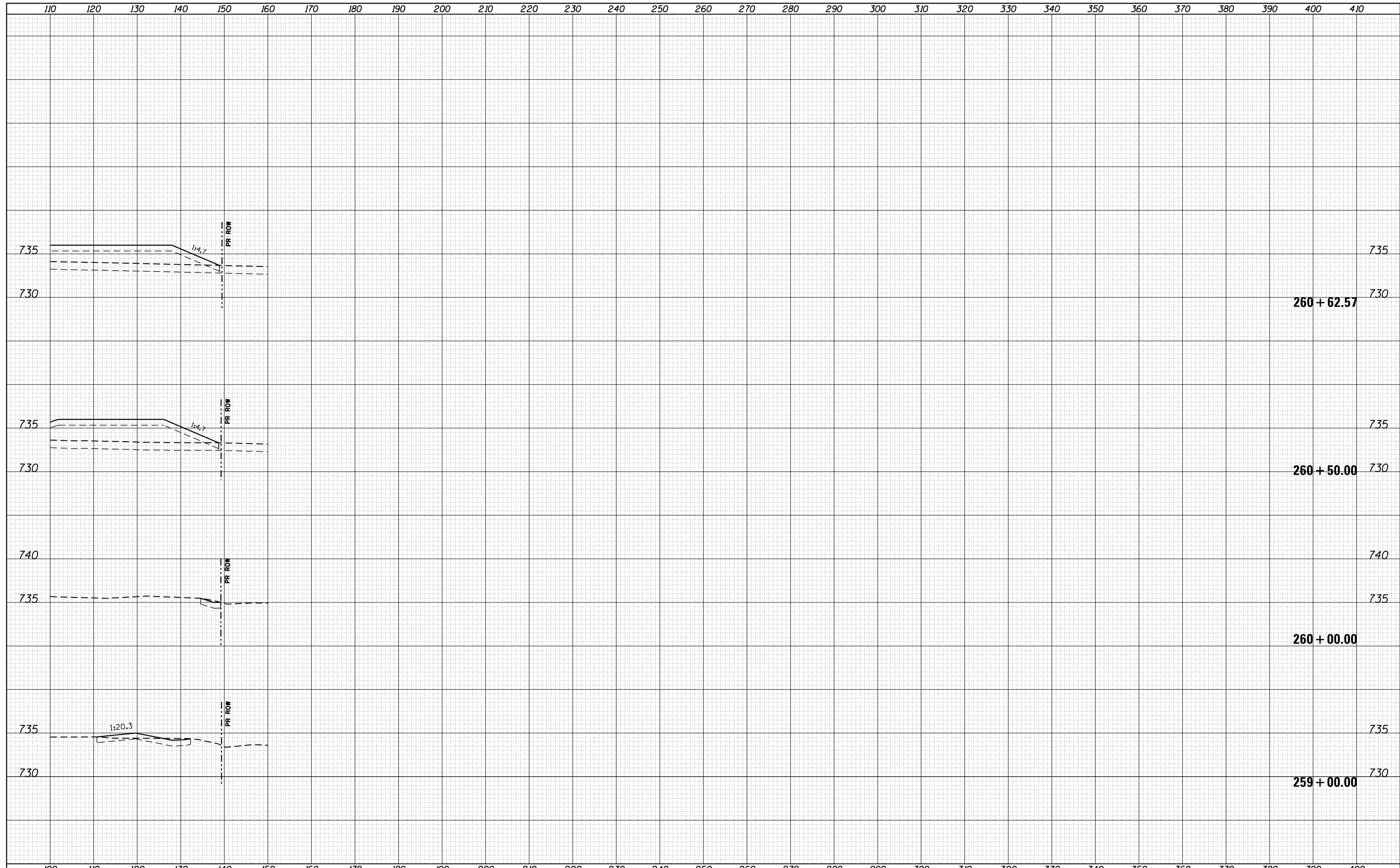
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FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE (US BUS 20) CROSS SECTIONS			F.A.P. RTE. 303	SECTION 41R	COUNTY WINNEBAGO	TOTAL SHEETS 327	SHEET NO. 272
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		CHECKED - RCH	REVISD -									
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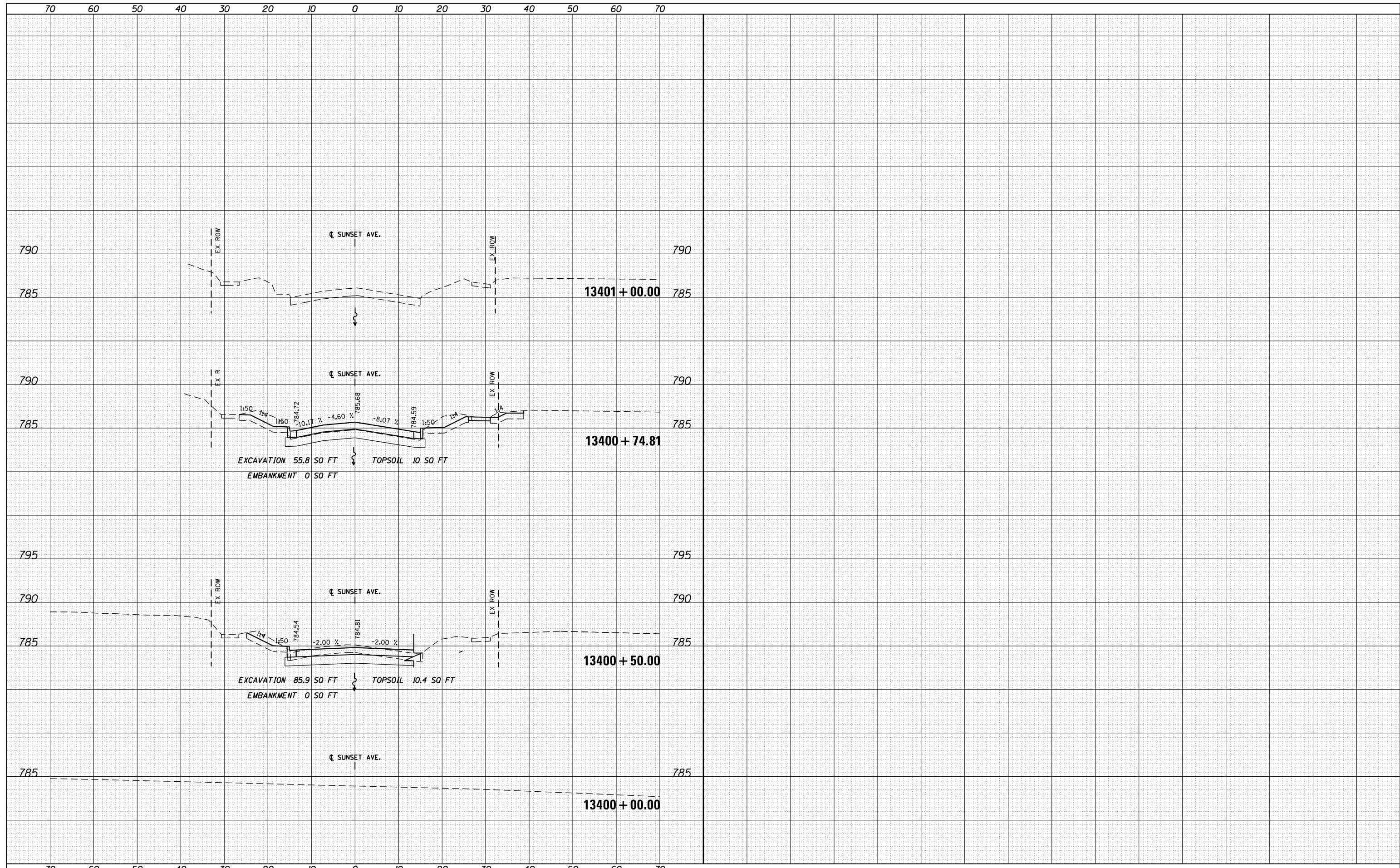


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		CHECKED - RCH	REVISED -			CONTRACT NO. 64750				
PLOT SCALE = 20.0000' / in.		DATE - *SUBDATE*	REVISED -			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

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NOTE BOOK	PLOTTED
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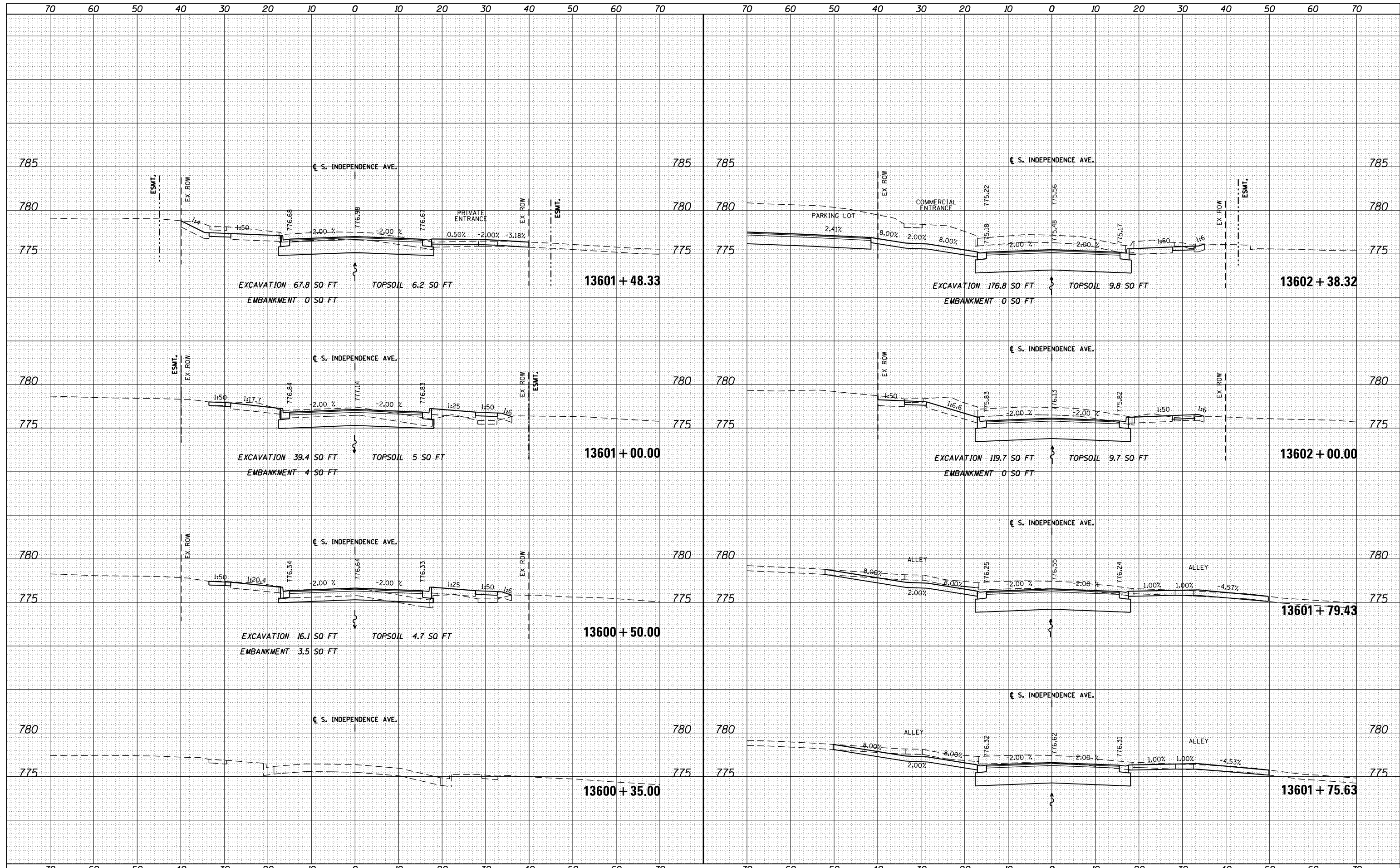


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PLOT DATE = Mon Dec 17 16:55:54 2012	DATE - \$SUBDATE\$	REVISED -	FED. ROAD DIST. #08DIST#ILLINOIS FED. AID PROJECT							

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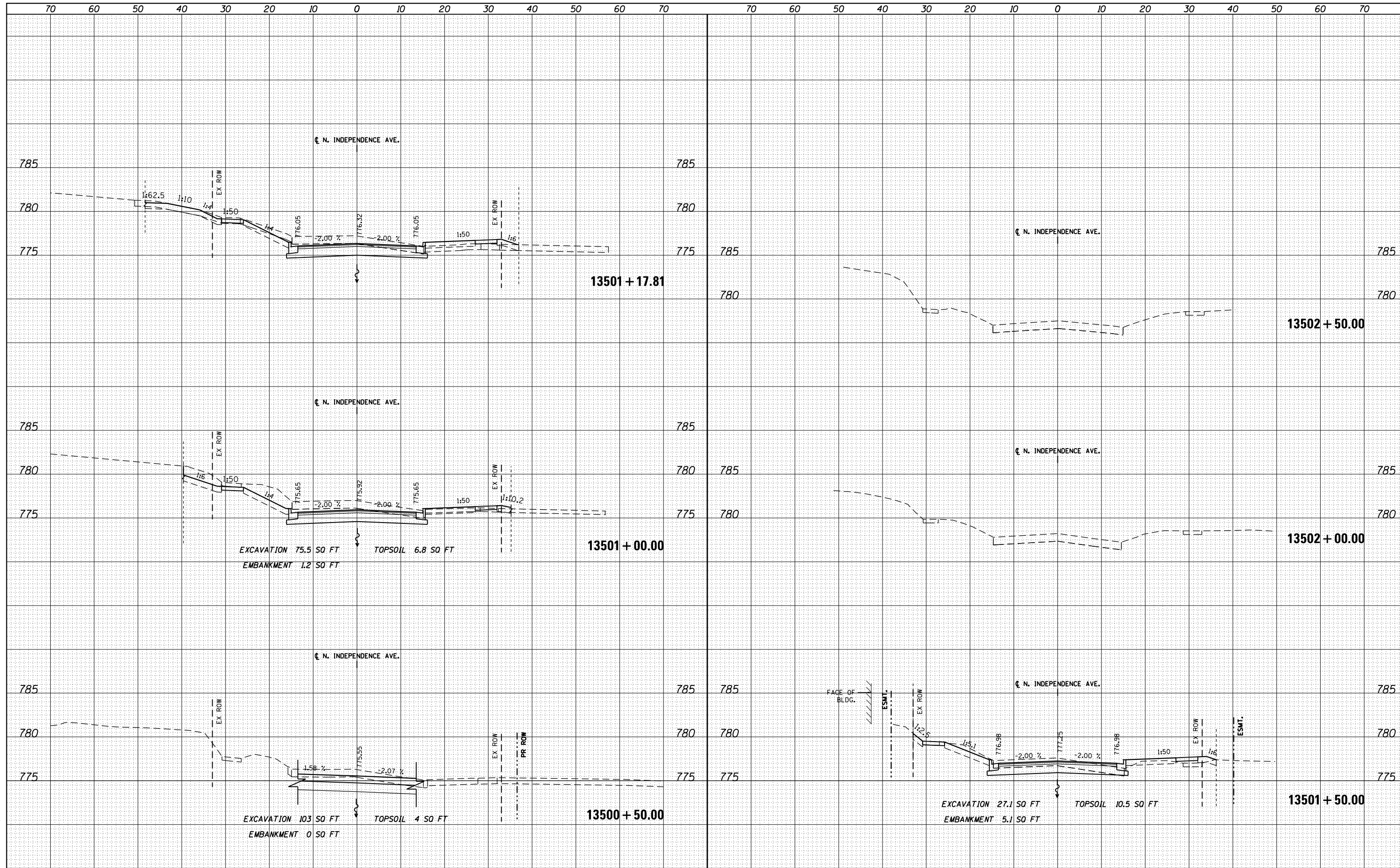
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PLOT DATE = Mon Dec 17 16:56:22 2012	DATE - \$SUBDATE\$	REVISIED -	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT							

SCALE: 1"=10'H; 1"=5' V SHEET NO. OF SHEETS STA. 13600+35.00 TO STA. 13602+48.32

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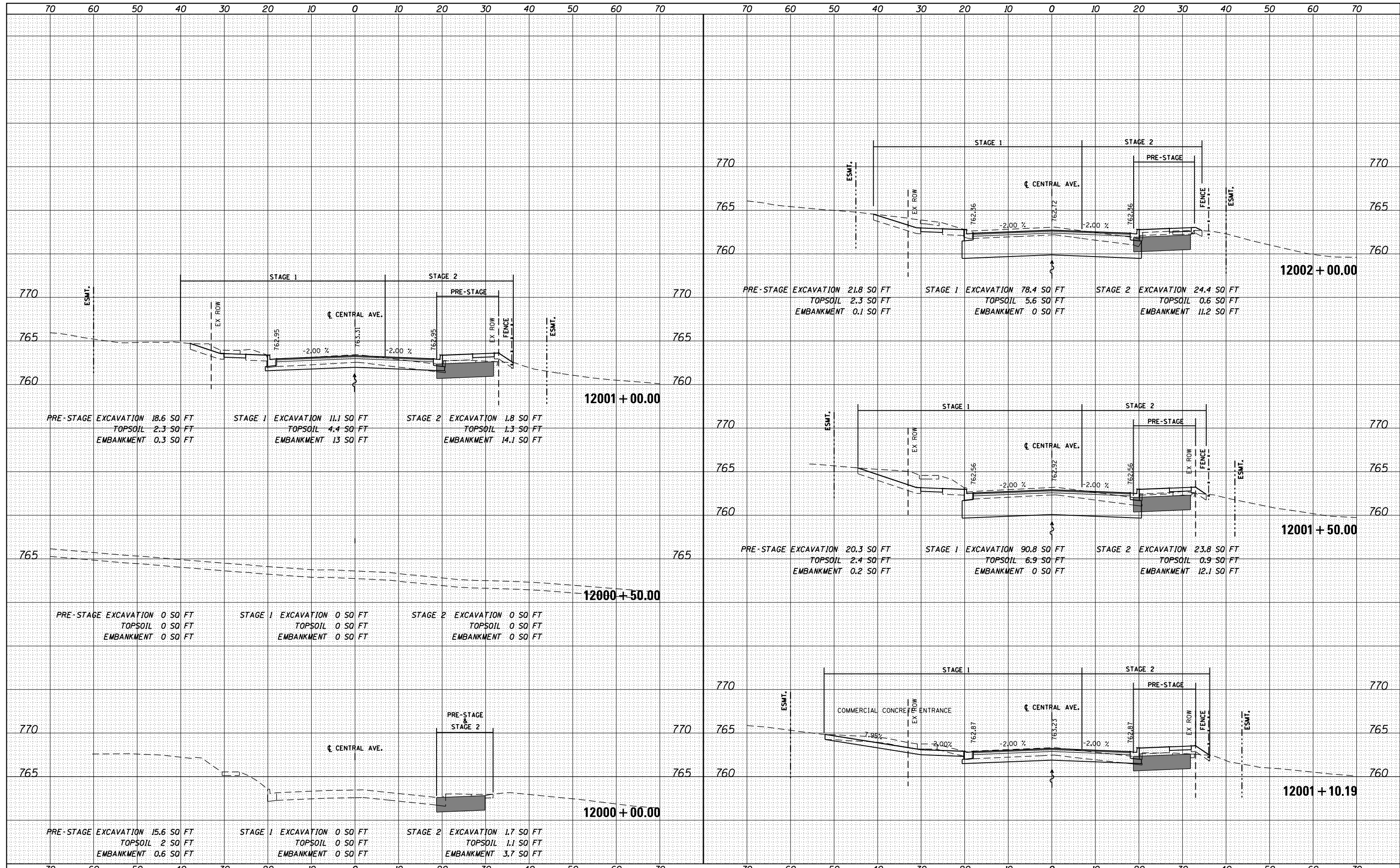


FILE NAME =	USER NAME = dossdd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH INDEPENDENCE AVENUE CROSS SECTIONS		F.A.P. RTE. 303	SECTION 41R	COUNTY WINNEBAGO	TOTAL SHEETS 327	SHEET NO. 281	
cs:\pw_work\pwt\dot\dossdd\d0317626\0264750-sh-ssht-(pg281).dgn		DRAWN - JWM	REVISED -		SCALE: 1"=10'H; 1"=5' V	SHEET NO.	OF SHEETS	STA. 13500+50.00 TO STA. 13502+50.00	FED. ROAD DIST. NO. 2	ILLINOIS FED. AID PROJECT	CONTRACT NO. 64750	
		CHECKED - RCH	REVISED -									
		DATE - *SUBDATE*	REVISED -									

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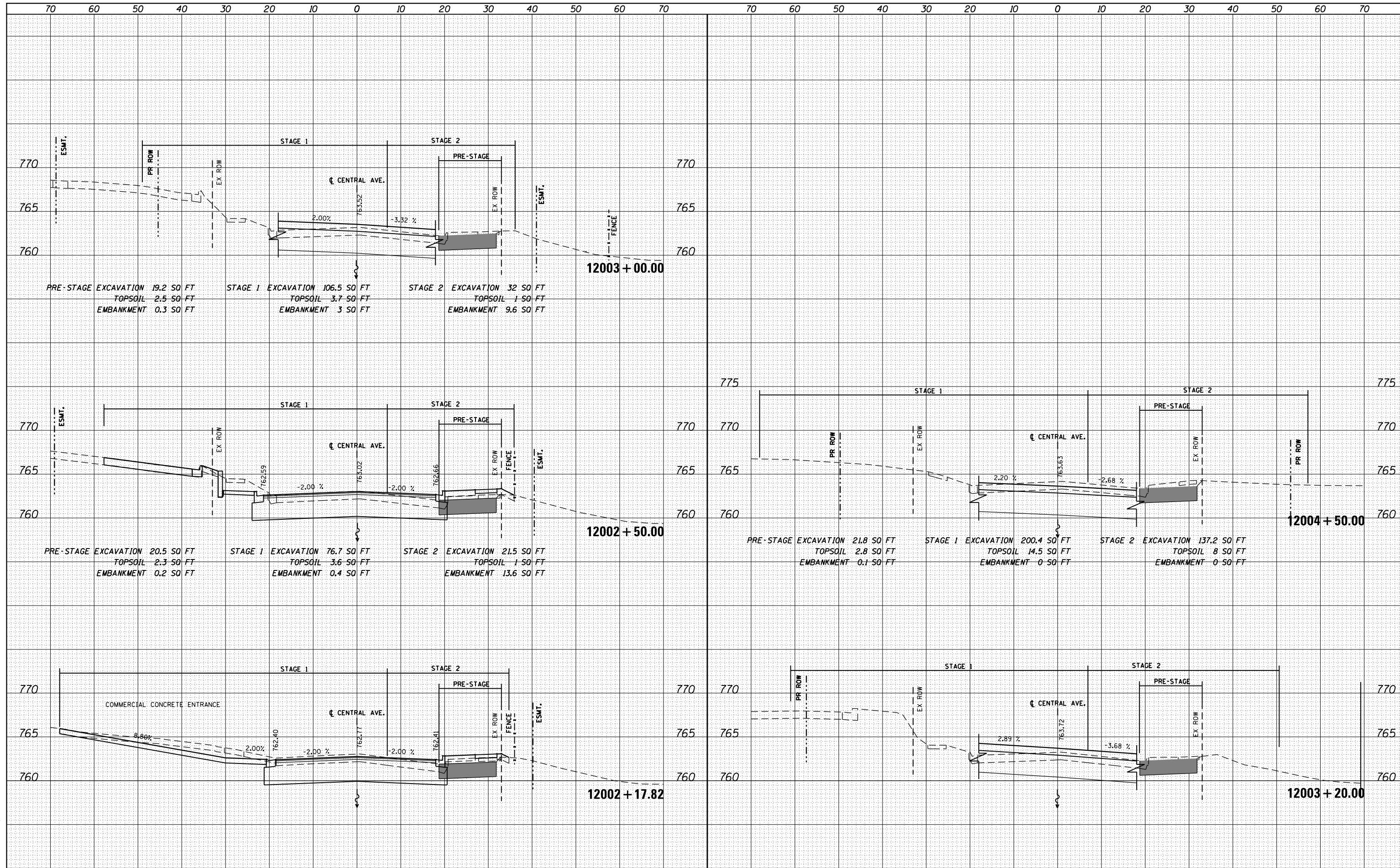


FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CENTRAL AVENUE CROSS SECTIONS SCALE: 1"=10'H; 1"=5'	F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\p\dot\dosddd\0317626\0264750-sh	ssht-(pg282-285).dgn	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	282
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		PLLOT DATE = Mon Dec 17 16:59:20 2012	DATE - \$SUBDATE\$			REVISED -				FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

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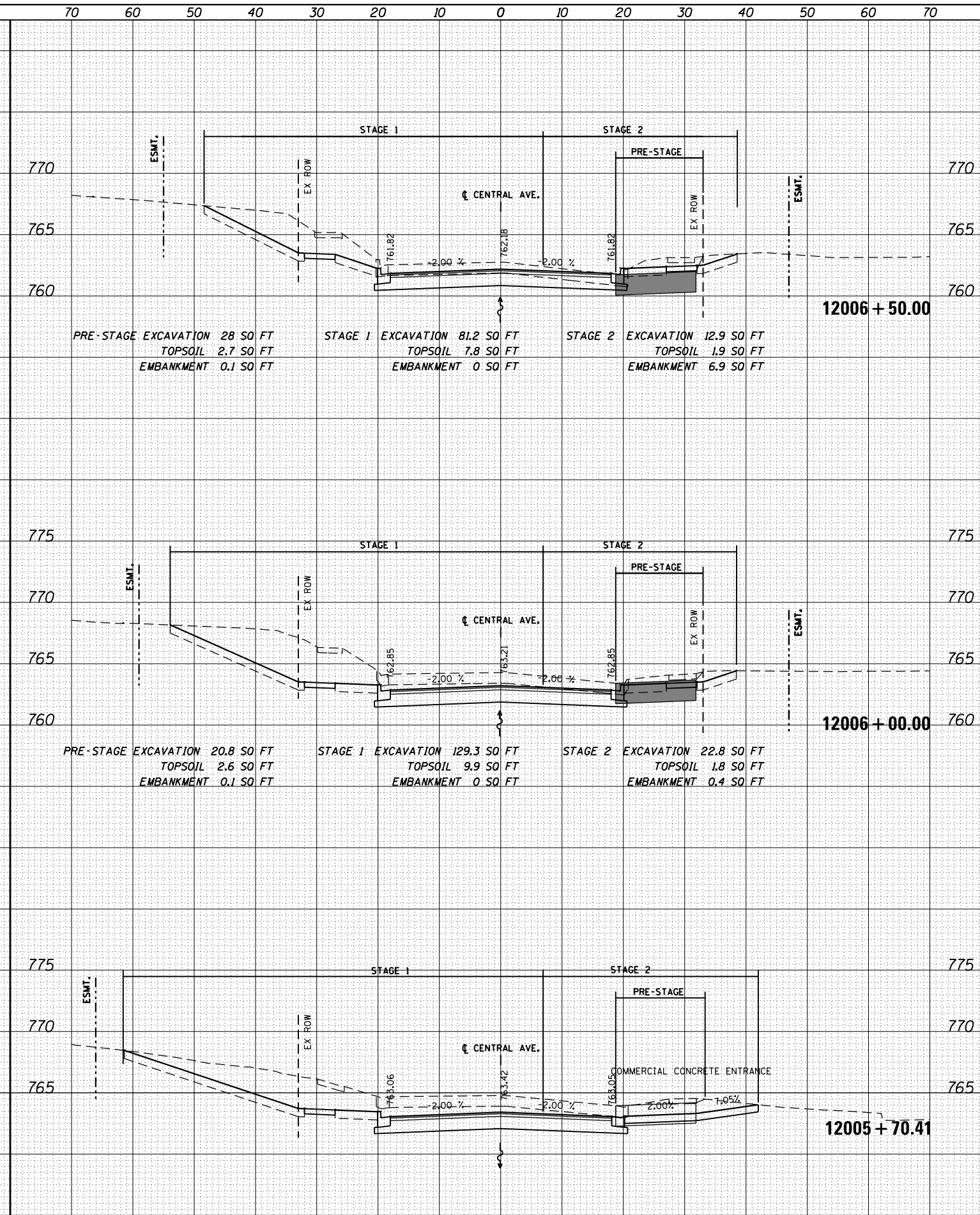
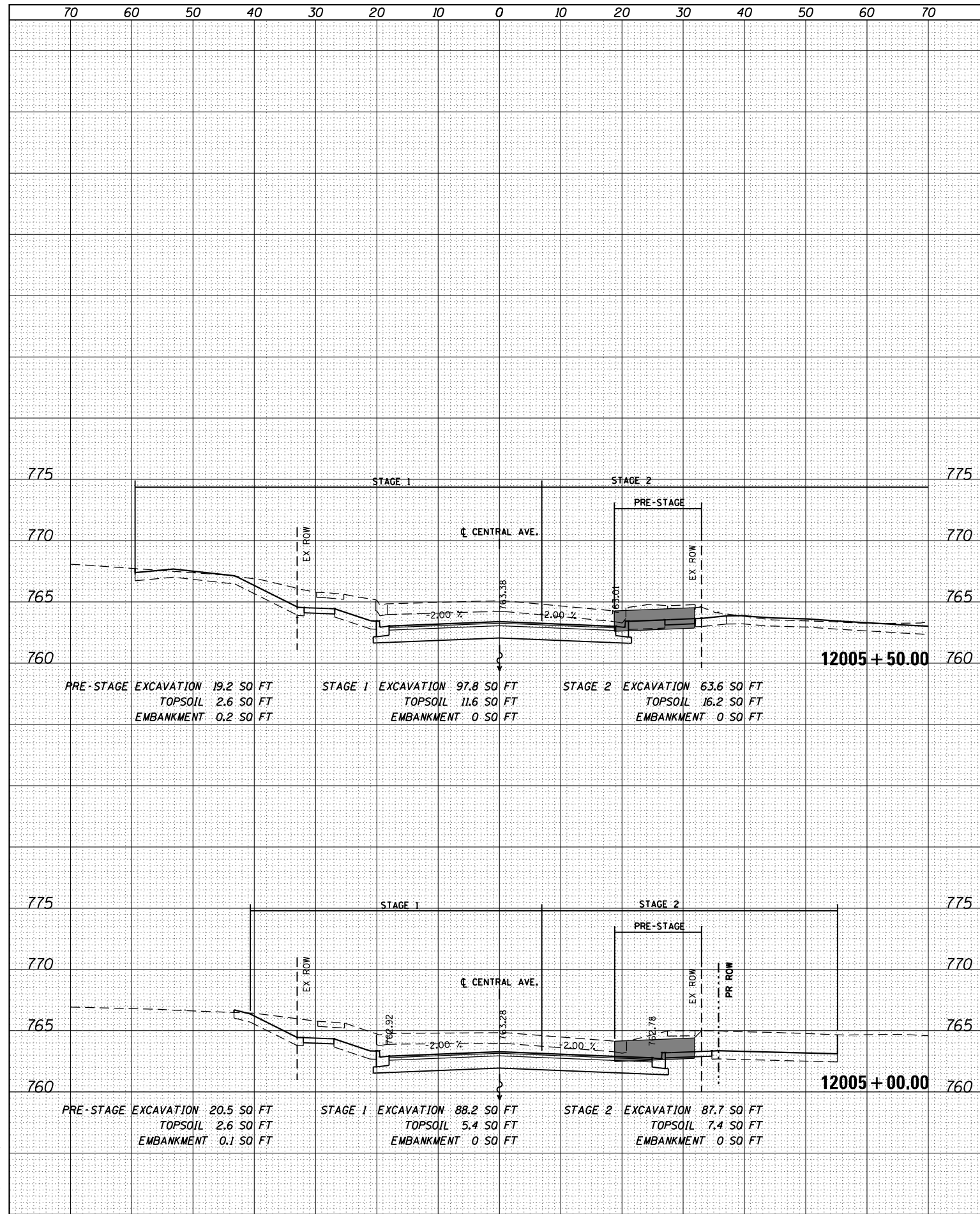


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es:\pw_work\pwt\dot\dosddd\0317626\0264750-sh	ssht-(pg282-285).dgn	DRAWN - JWM	REVISED -		303	41R	WINNEBAGO	327	283			
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		PLOT DATE = Mon Dec 17 16:59:31 2012	DATE - \$SUBDATE\$		REVISED -	SCALE: 1"=10'H; 1"=5'V			SHEET NO. OF SHEETS	STA. 12002+17.82 TO STA. 12004+50.00	FED. ROAD DIST. NO. 2 ILLINOIS	FED. AID PROJECT

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FILE NAME	USER NAME	DESIGNED	REVISED
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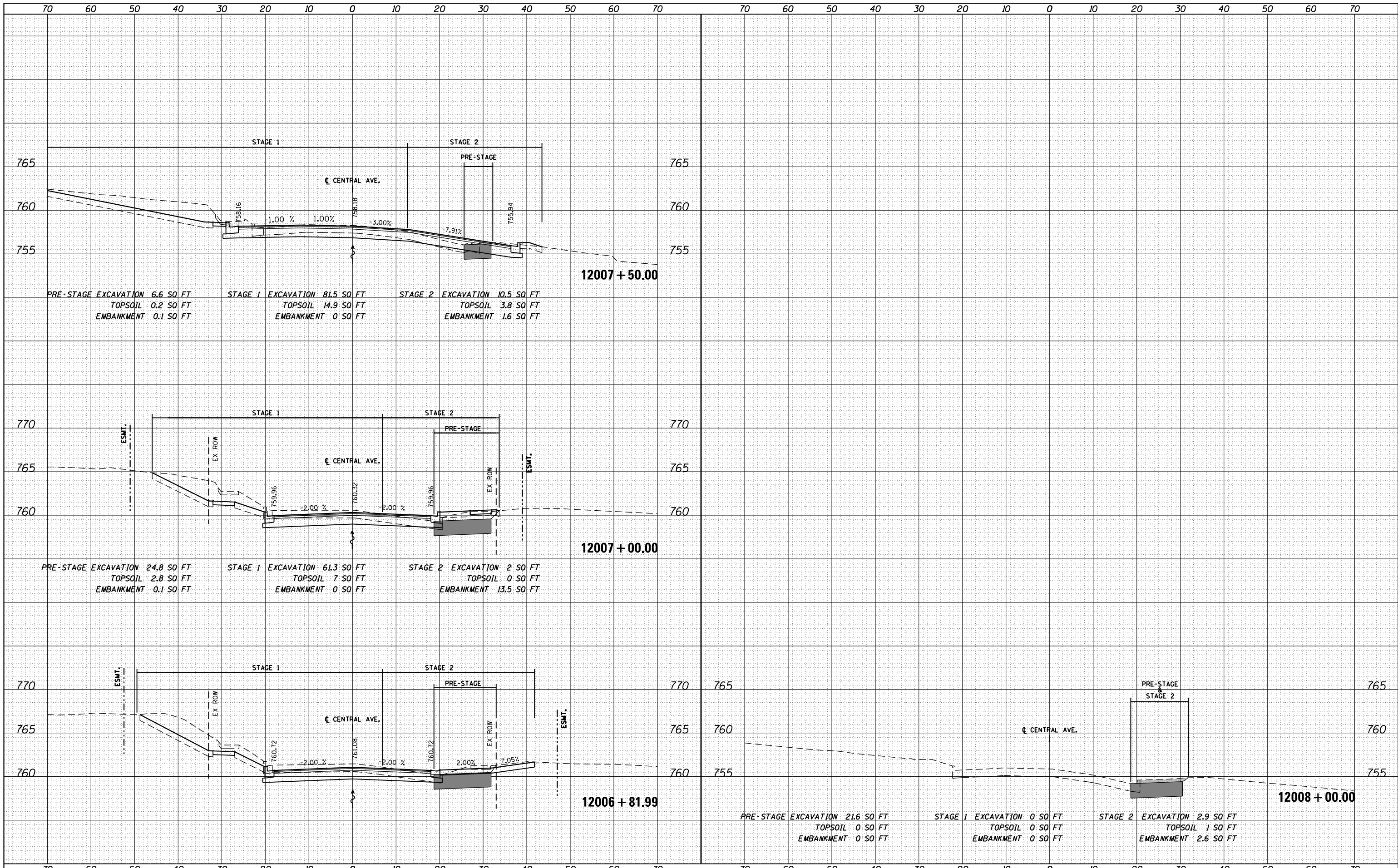
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CENTRAL AVENUE CROSS SECTIONS

SCALE: 1"=10'H; 1"=5'	SHEET NO.	OF	SHEETS	STA. 12005+00.00 TO STA. 12006+50.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
					303	41R	WINNEBAGO	327	284	
									CONTRACT NO.	64750
									FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

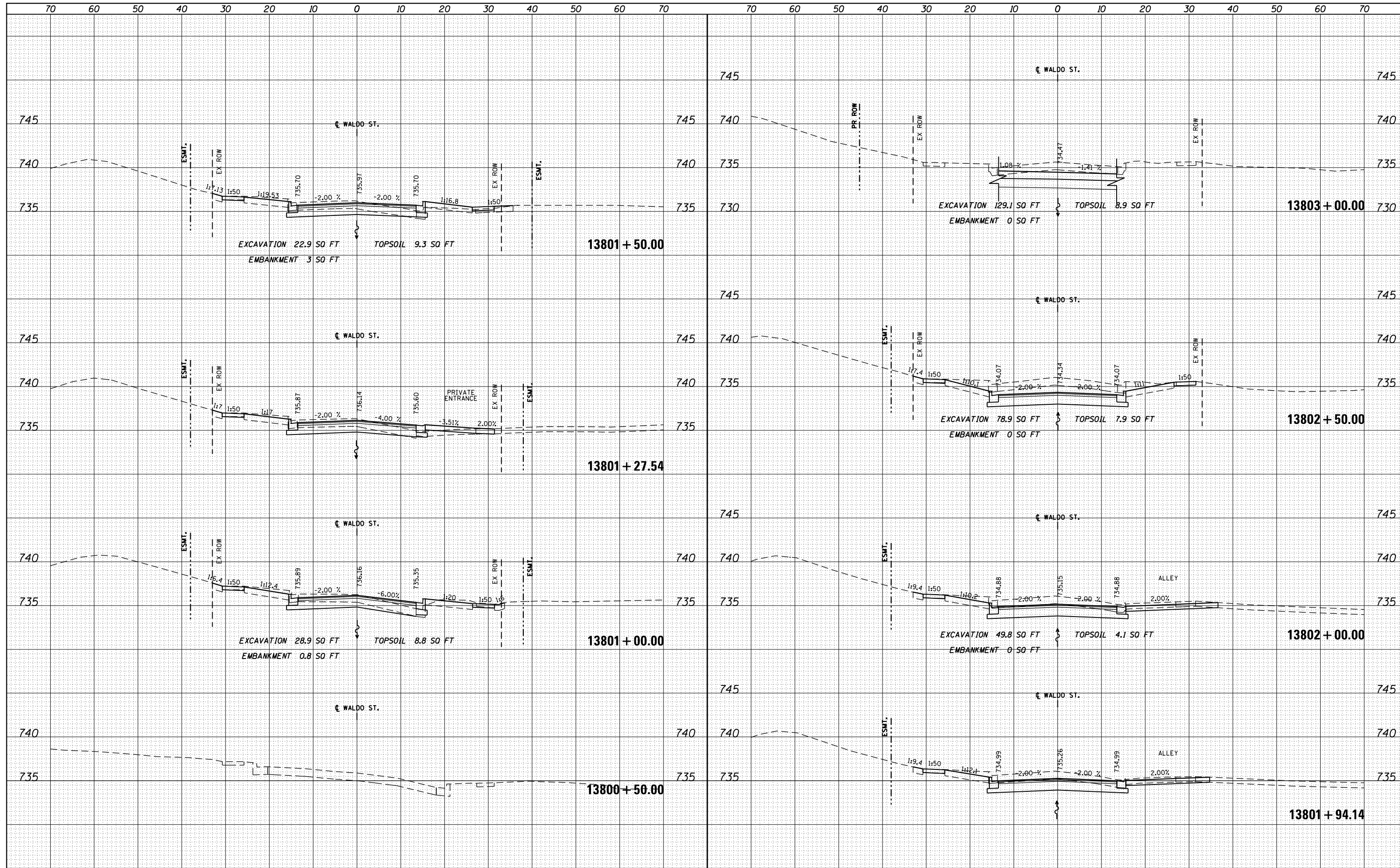
CENTRAL AVENUE CROSS SECTIONS

SCALE: 1"=10'H; 1"=5'V SHEET NO. OF SHEETS STA. 12006+81.99 TO STA. 12008+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	285
CONTRACT NO. 64750				

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALDO STREET CROSS SECTIONS			F.A.P. RTE. 303	SECTION 41R	COUNTY WINNEBAGO	TOTAL SHEETS 327	SHEET NO. 286
es:\pw\work\p\dot\dosddd\0317626\0264750-sh-	ssht-(pg286).dgn	DRAWN - JWM	REVISED -		SCALE: 1"=10'H; 1"=5' V	SHEET NO.	OF	SHEETS	STA. 13800+50.00 TO STA. 13803+00.00	FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT
		CHECKED - RCH	REVISED -									
		DATE - #SUBDATE#	REVISED -									

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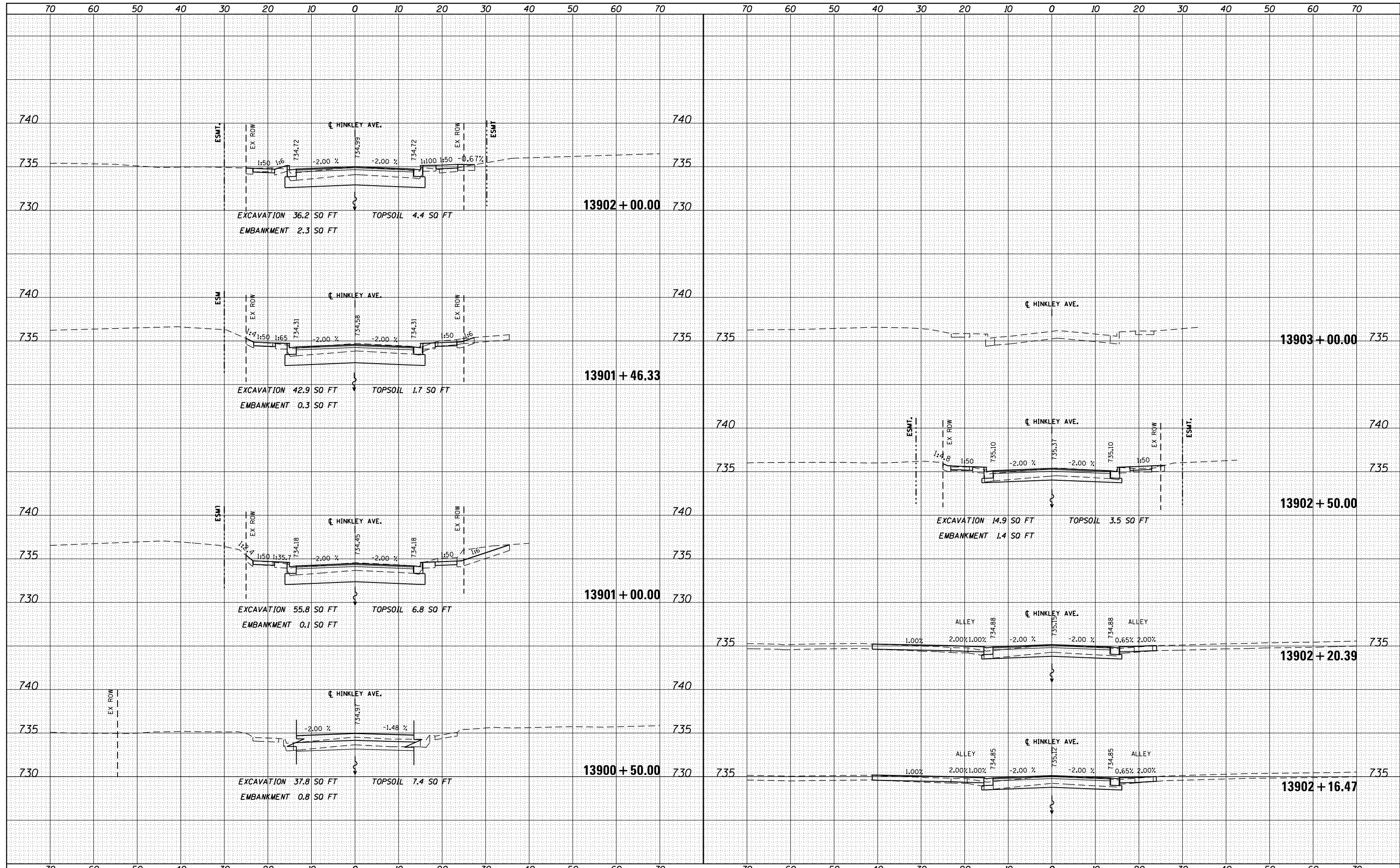
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HINKLEY AVENUE CROSS SECTIONS

SCALE: 1"=10'H; 1"=5'V SHEET NO. OF SHEETS STA. 13900+50.00 TO STA. 13903+00.00

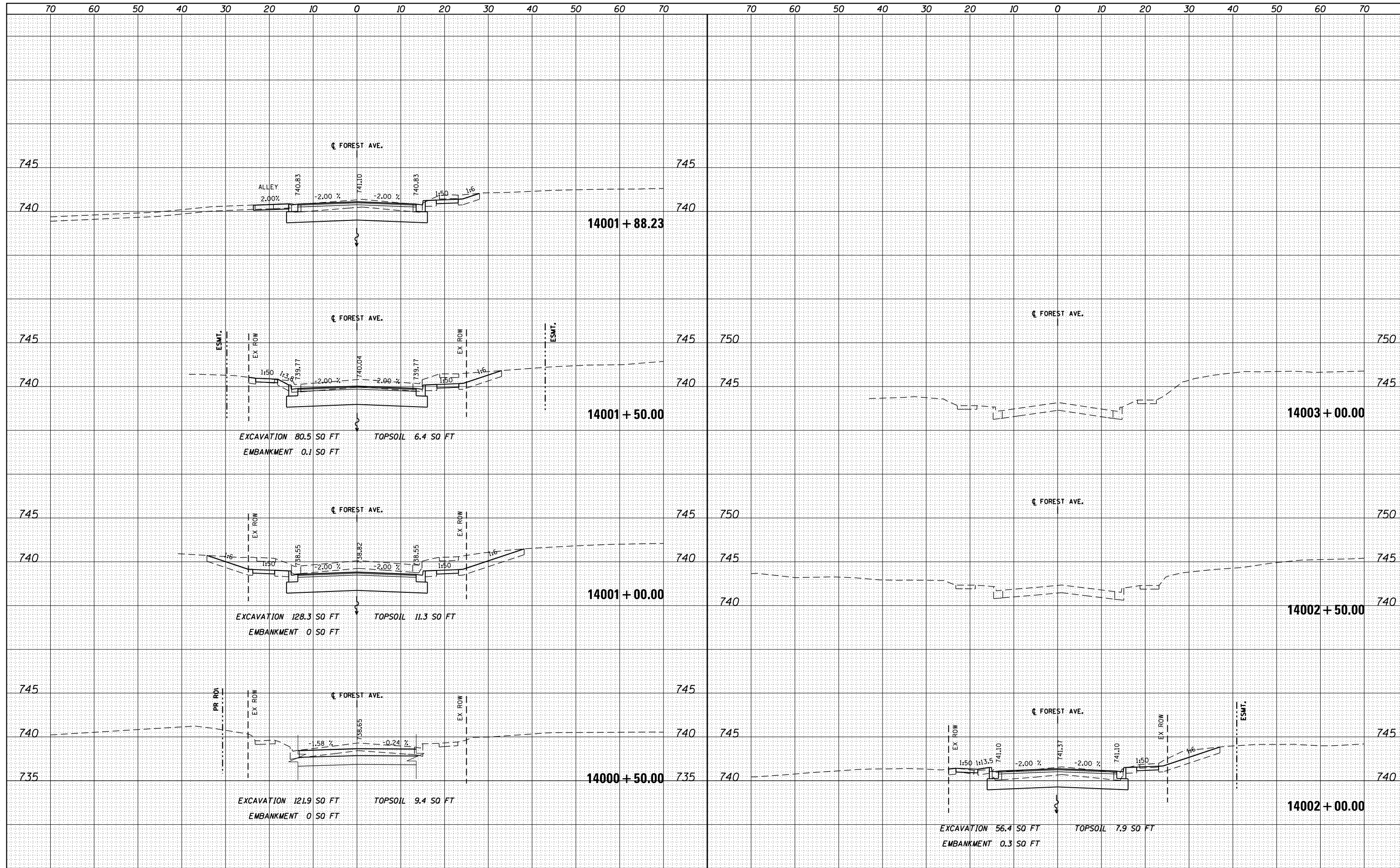
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	287
CONTRACT NO. 64750				



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NOTE BOOK	PLOTTED
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NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -
es:\pw\work\p1\dot\dosddd\0317626\0264750-sh-t-ssht-(pg288).dgn		DRAWN - JWM	REVISED -
		CHECKED - RCH	REVISED -
		DATE - \$SUBDATE\$	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FOREST AVENUE CROSS SECTIONS

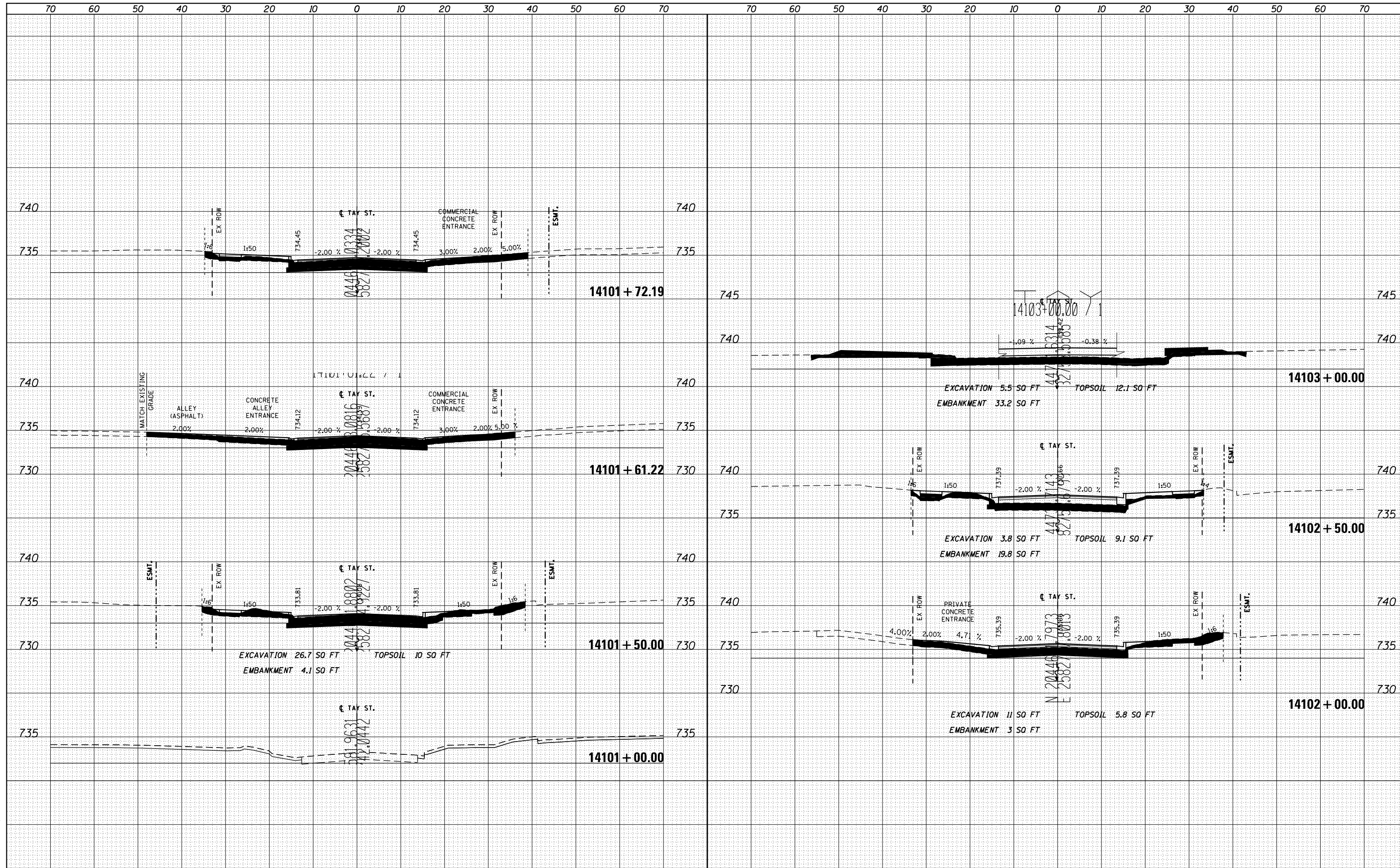
SCALE: 1"=10'H 1"=5'V SHEET NO. OF SHEETS STA. 14000+50.00 TO STA. 14003+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	288
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

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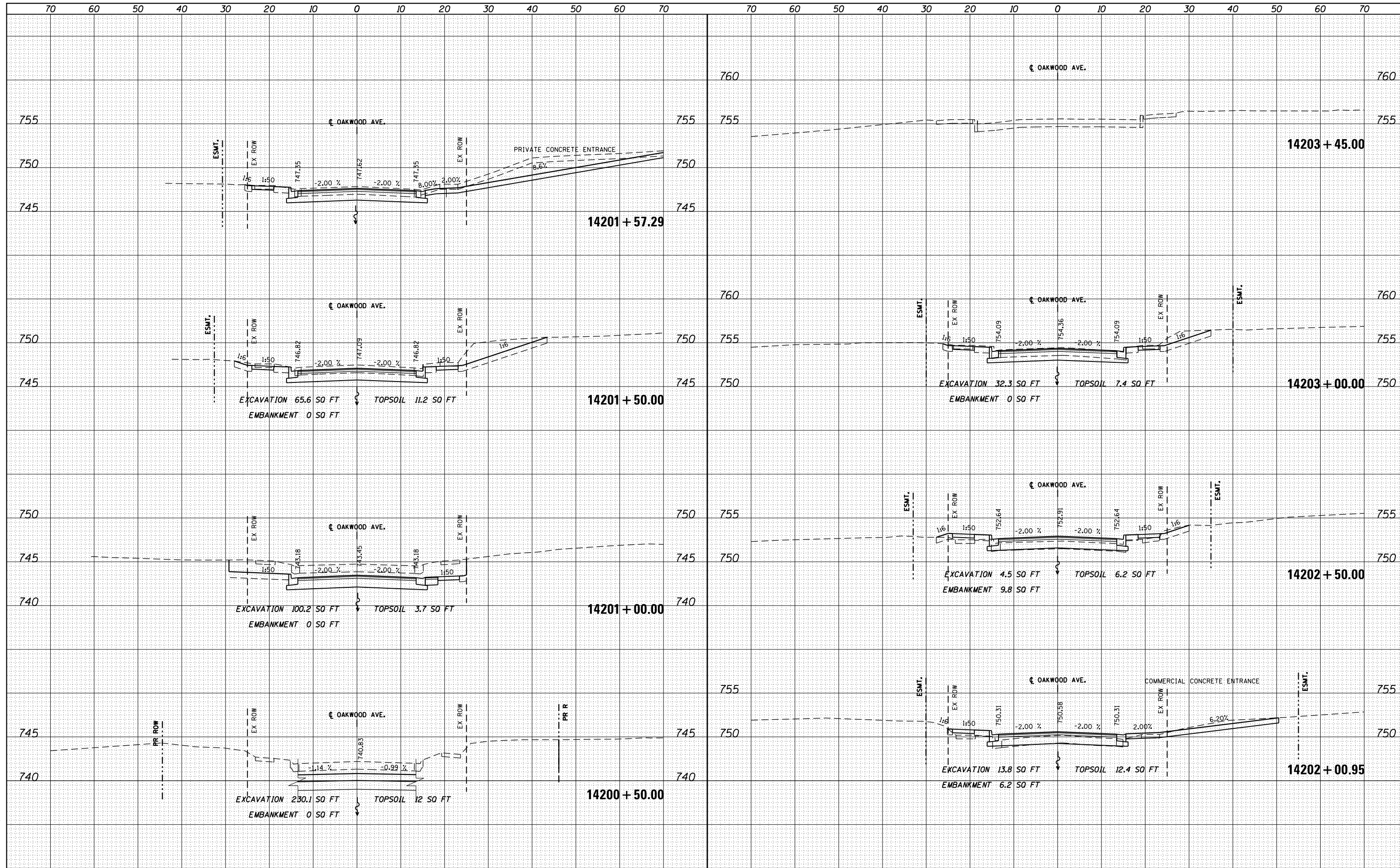


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es:\pw_work\p1dot\dosddd\0317626\0264750-sh1-ssht-(pg289).dgn	PLOT SCALE = 20.0000' / in.	DRAWN - JWM	REVISED -			303	41R	WINNEBAGO	327	289	
	PLOT DATE = Mon Dec 17 17:02:11 2012	CHECKED - RCH	REVISED -			CONTRACT NO. 64750					
		DATE - \$SUBDATE\$	REVISED -			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT					

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FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISED -			CONTRACT NO.	64750
		PLOT DATE = Mon Dec 17 17:02:53 2012	DATE - \$SUBDATE\$	REVISED -	SCALE: 1"=10'H; 1"=5'V SHEET NO. OF SHEETS STA. 14200+50.00 TO STA. 14203+45.00			

STATE OF ILLINOIS
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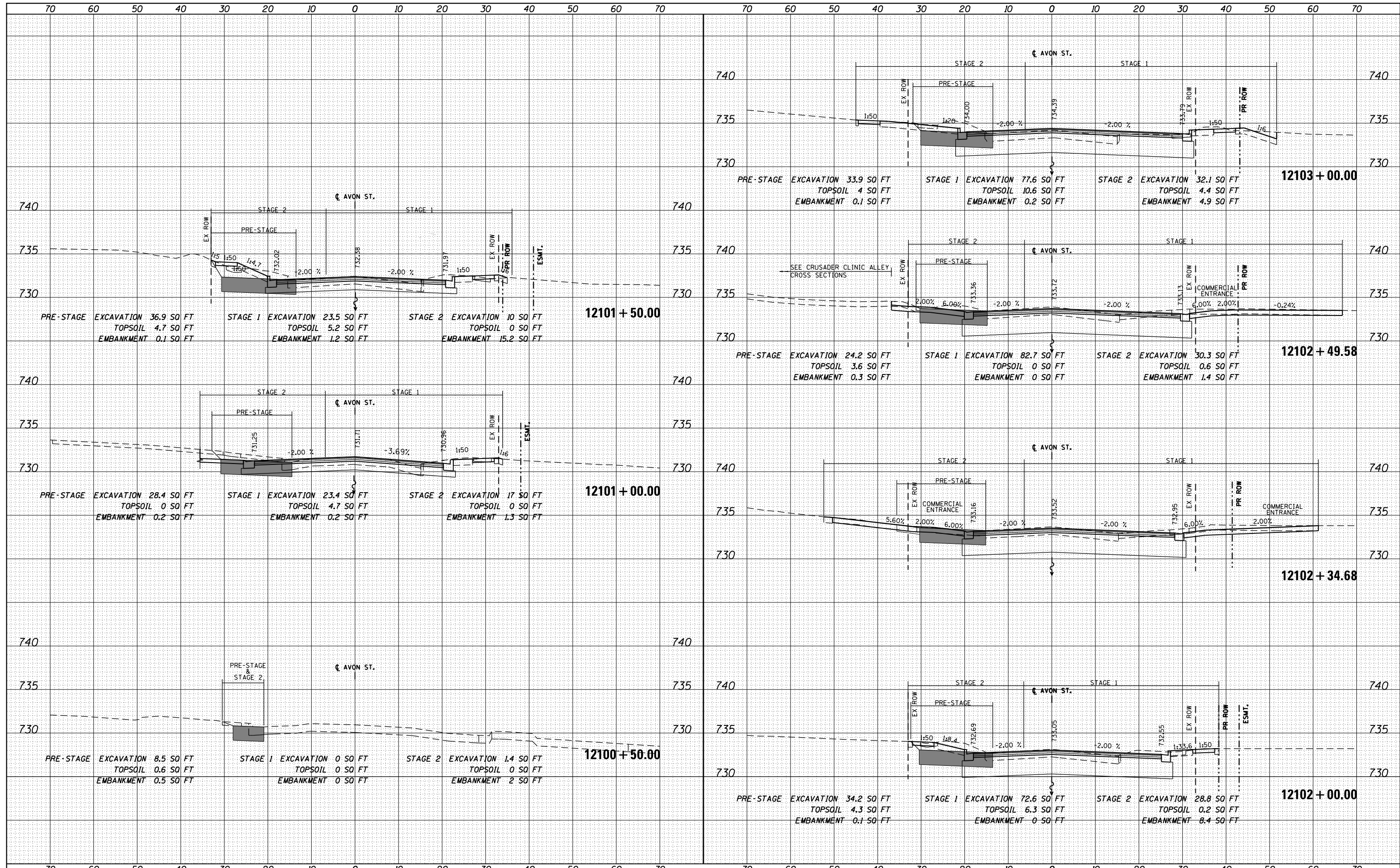
OAKWOOD AVENUE CROSS SECTIONS

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

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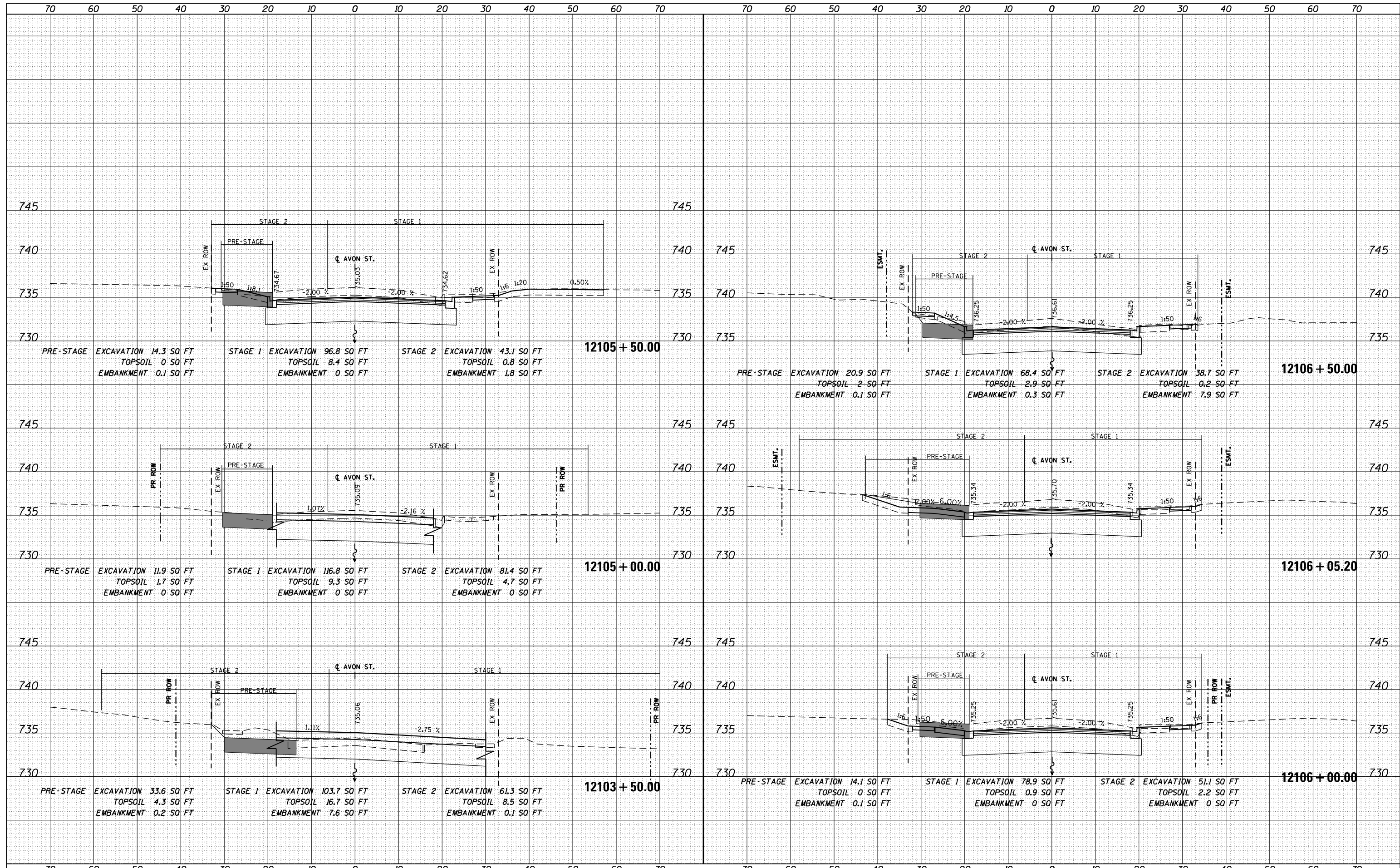


FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	AVON STREET CROSS SECTIONS SCALE: 1"=10'H 1"=5' V SHEET NO. OF SHEETS STA. 12100+50.00 TO STA. 12103+00.00	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = Mon Dec 17 17:05:46 2012	DATE - \$SUBDATE\$	REVISED -	REVISED -			CONTRACT NO. 64750					
						FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT					

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

AVON STREET CROSS SECTIONS

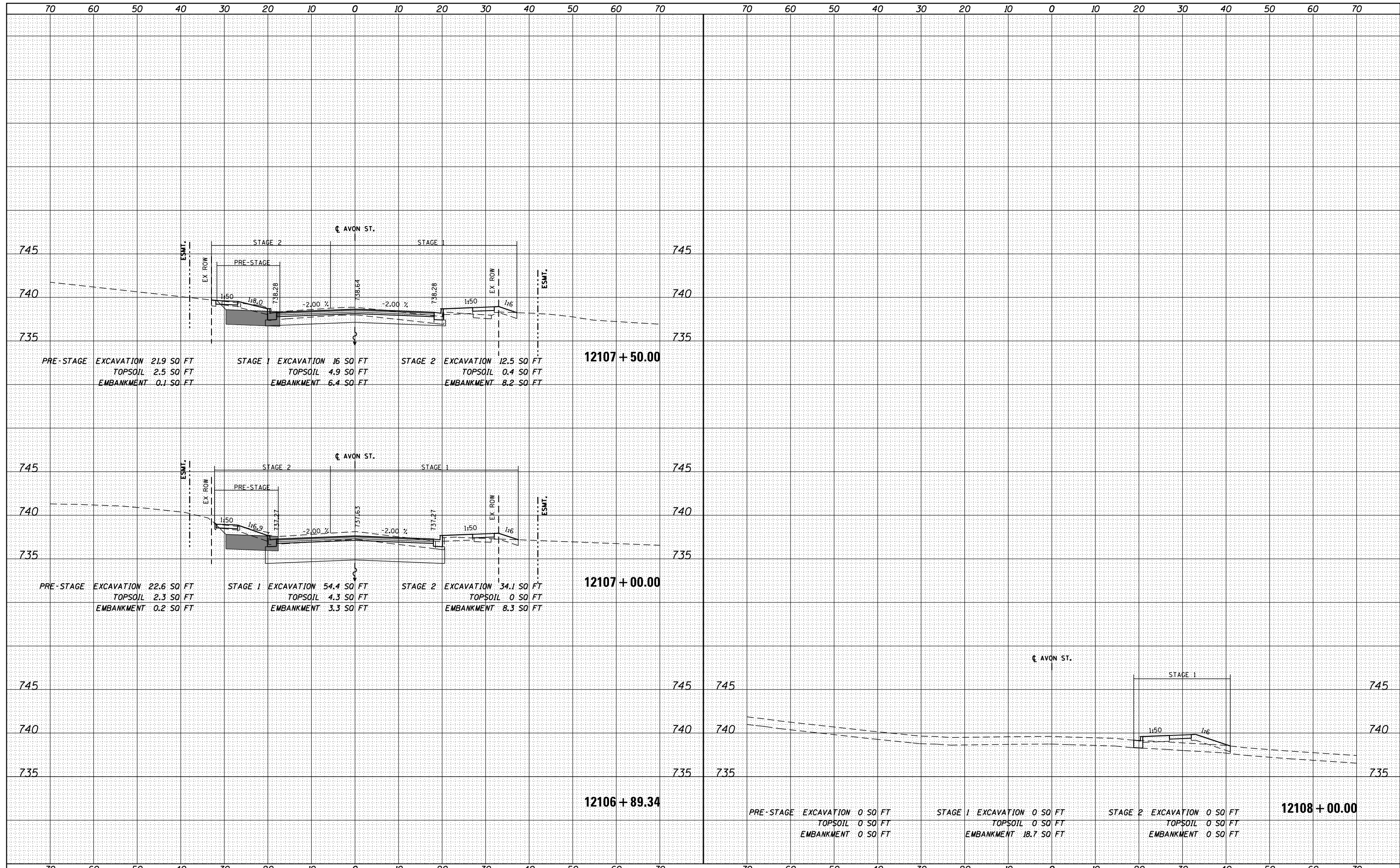
SCALE: 1"=10'H; 1"=5' SHEET NO. OF SHEETS STA. 12103+50.00 TO STA. 12106+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	294
CONTRACT NO. 64750				

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FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

AVON STREET CROSS SECTIONS

SCALE: 1"=10'H; 1"=5'V SHEET NO. OF SHEETS STA. 12106+89.34 TO STA. 12108+00.00

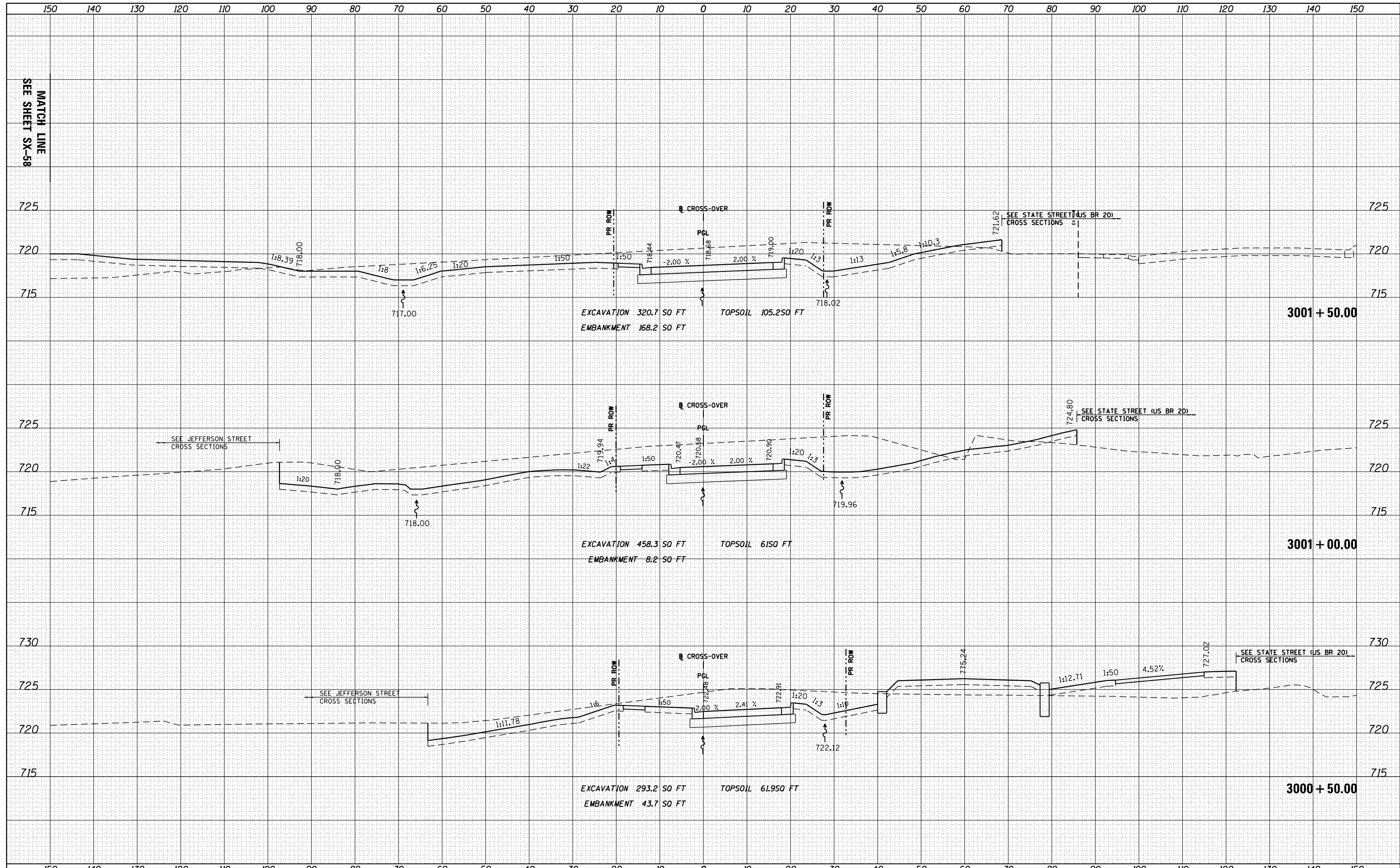
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	295
CONTRACT NO. 64750				

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

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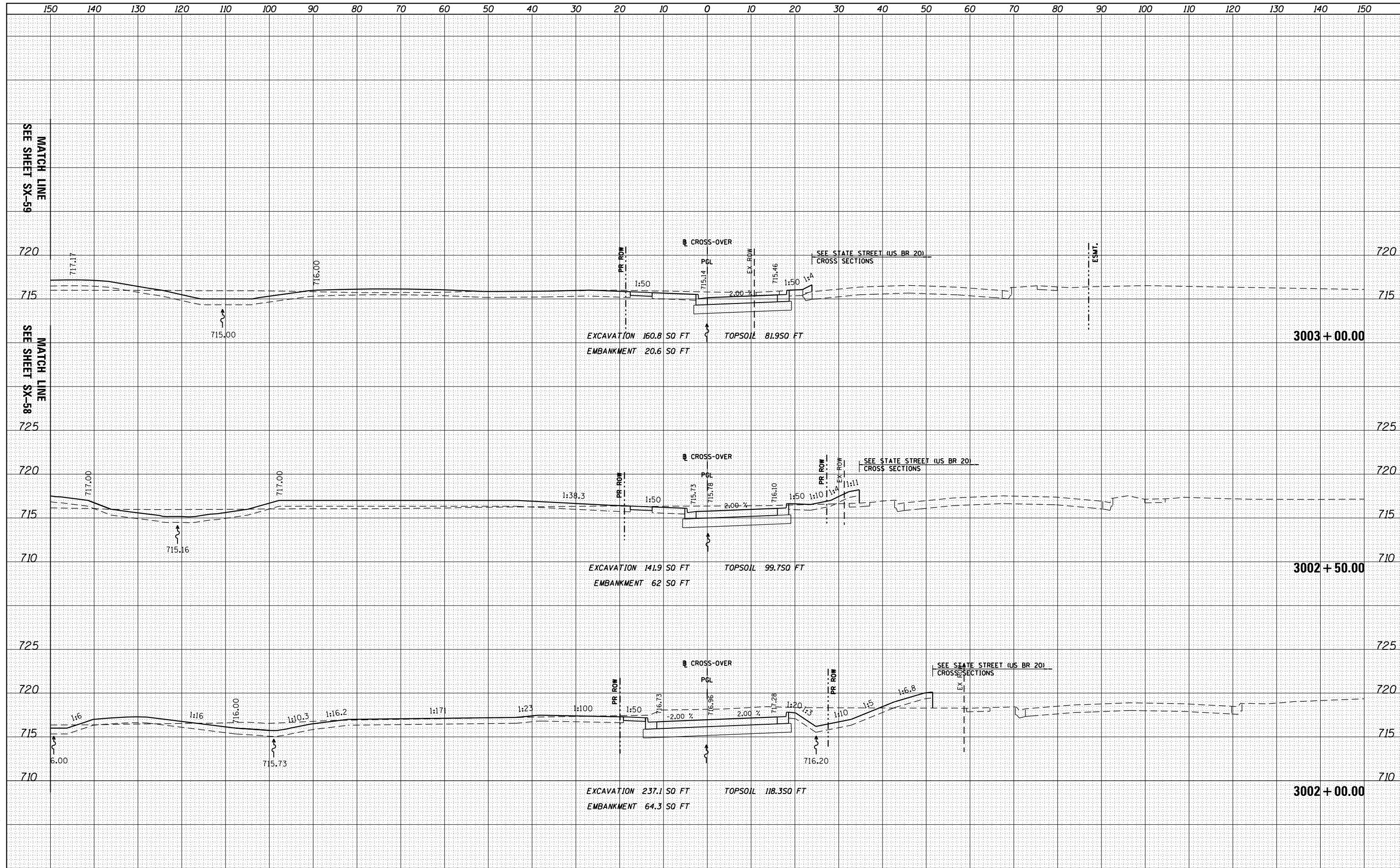


FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WEST BOUND CROSS OVER		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Mon Dec 17 17:06:25 2012		DATE - \$SUBDATE\$	REVISED -				CONTRACT NO. 64750				

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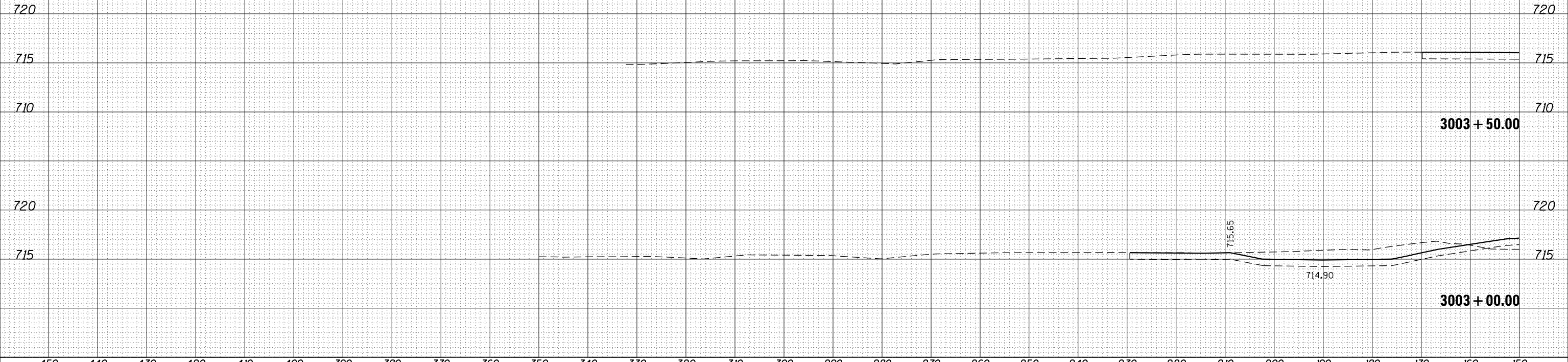
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PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISED -					CONTRACT NO. 64750				
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450 440 430 420 410 400 390 380 370 360 350 340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150

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PLOT DATE = Mon Dec 17 17:07:26 2012	DATE - *SUBDATE*	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

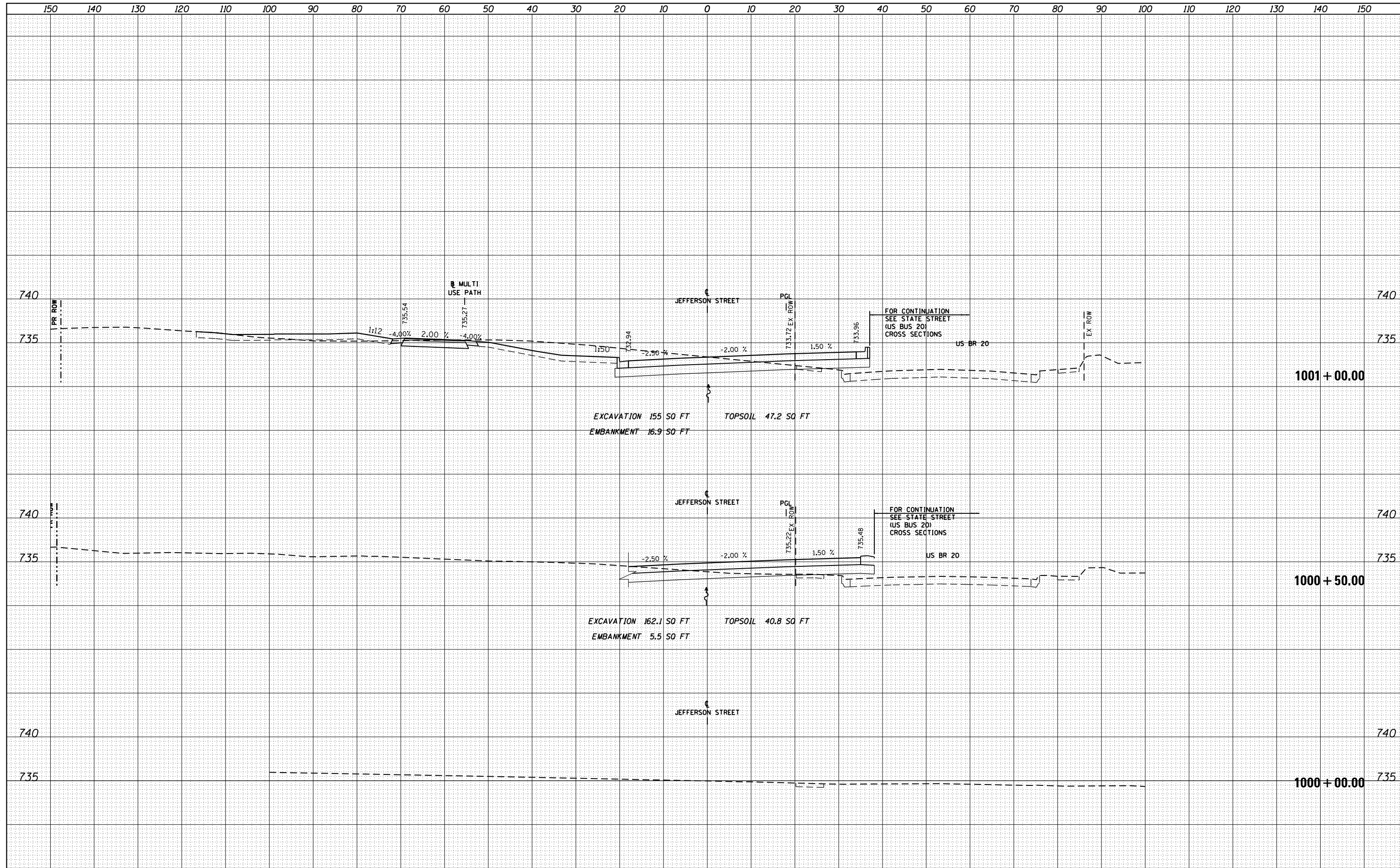
WEST BOUND CROSS OVER
 SCALE: 1"=10'H; 1"=5'V
 SHEET NO. OF SHEETS STA. 3003+00.00 TO STA. 3003+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	300
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

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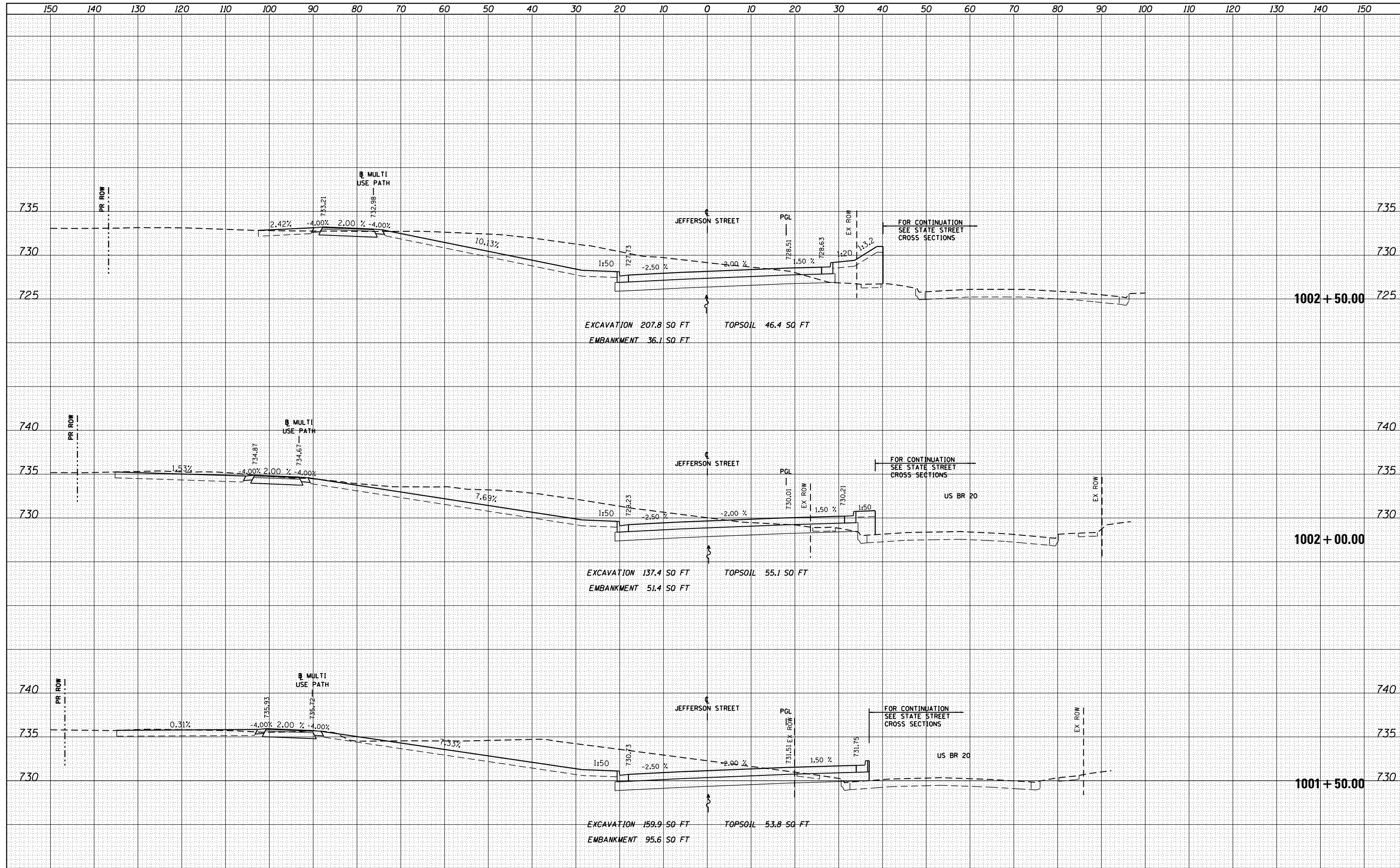


FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JEFFERSON STREET CROSS SECTIONS SCALE: 1"=10'H; 1"=5' SHEET NO. OF SHEETS STA. 1000+00.00 TO STA. 1002+00.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw_work\p\dot\dosddd\0317626\0264750-sh-t-ssht-(pg301-309).dgn	DRAWN - JWM	REVISIED -	303			41R	WINNEBAGO	327	301	
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PLOT DATE = Mon Dec 17 17:08:10 2012	DATE - \$SUBDATE\$	REVISIED -	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT							

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

JEFFERSON STREET CROSS SECTIONS

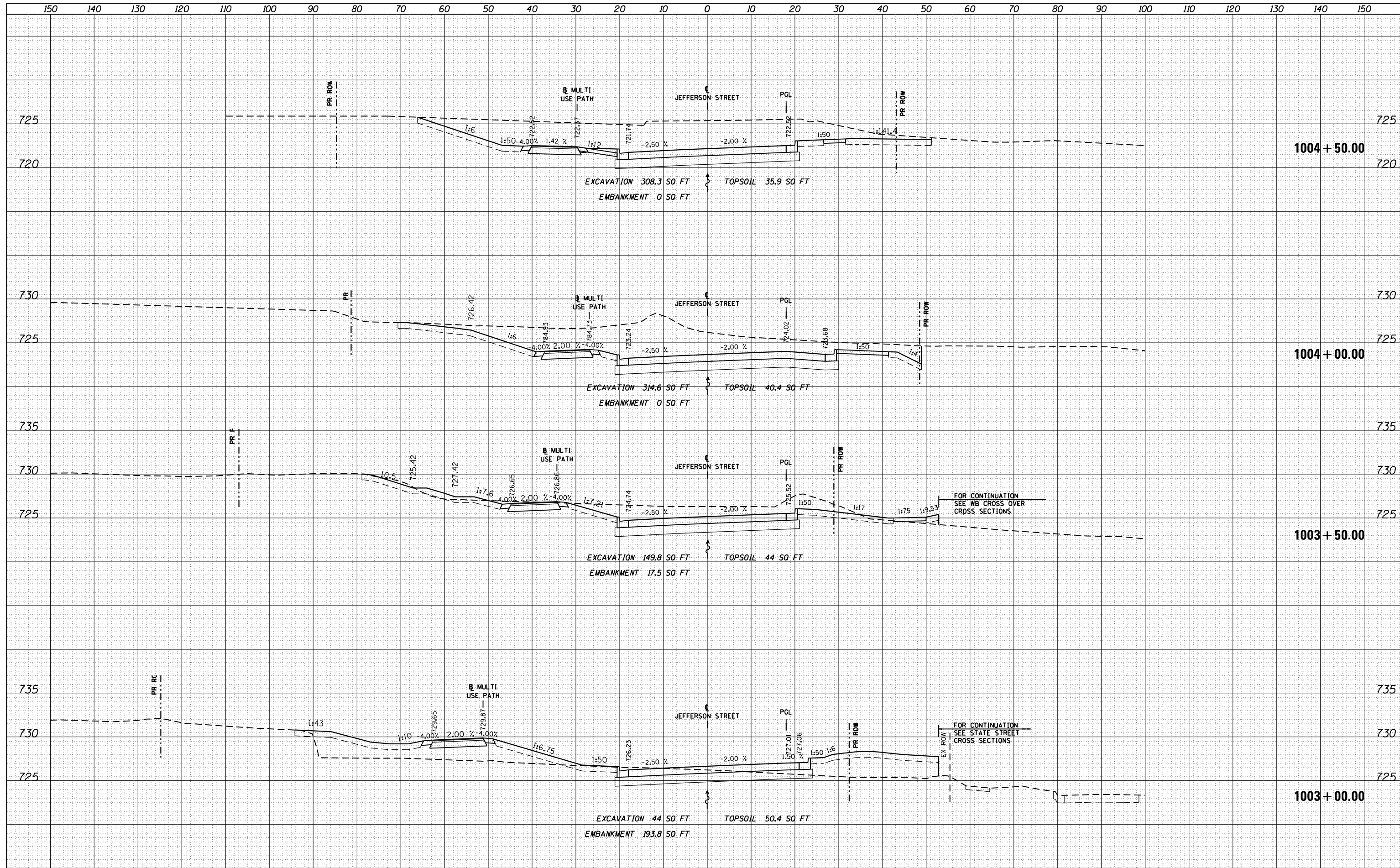
SCALE: 1"=10'H; 1"=5' V SHEET NO. OF SHEETS STA. 1001+50.00 TO STA. 1002+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	302
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY PLOTTED AREAS CHECKED	
SURVEY PLOTTED AREAS CHECKED	
NOTE BOOK NO.	

DATE	
BY	
ORIGINAL SURVEY PLOTTED AREAS CHECKED	
SURVEY PLOTTED AREAS CHECKED	
NOTE BOOK NO.	

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

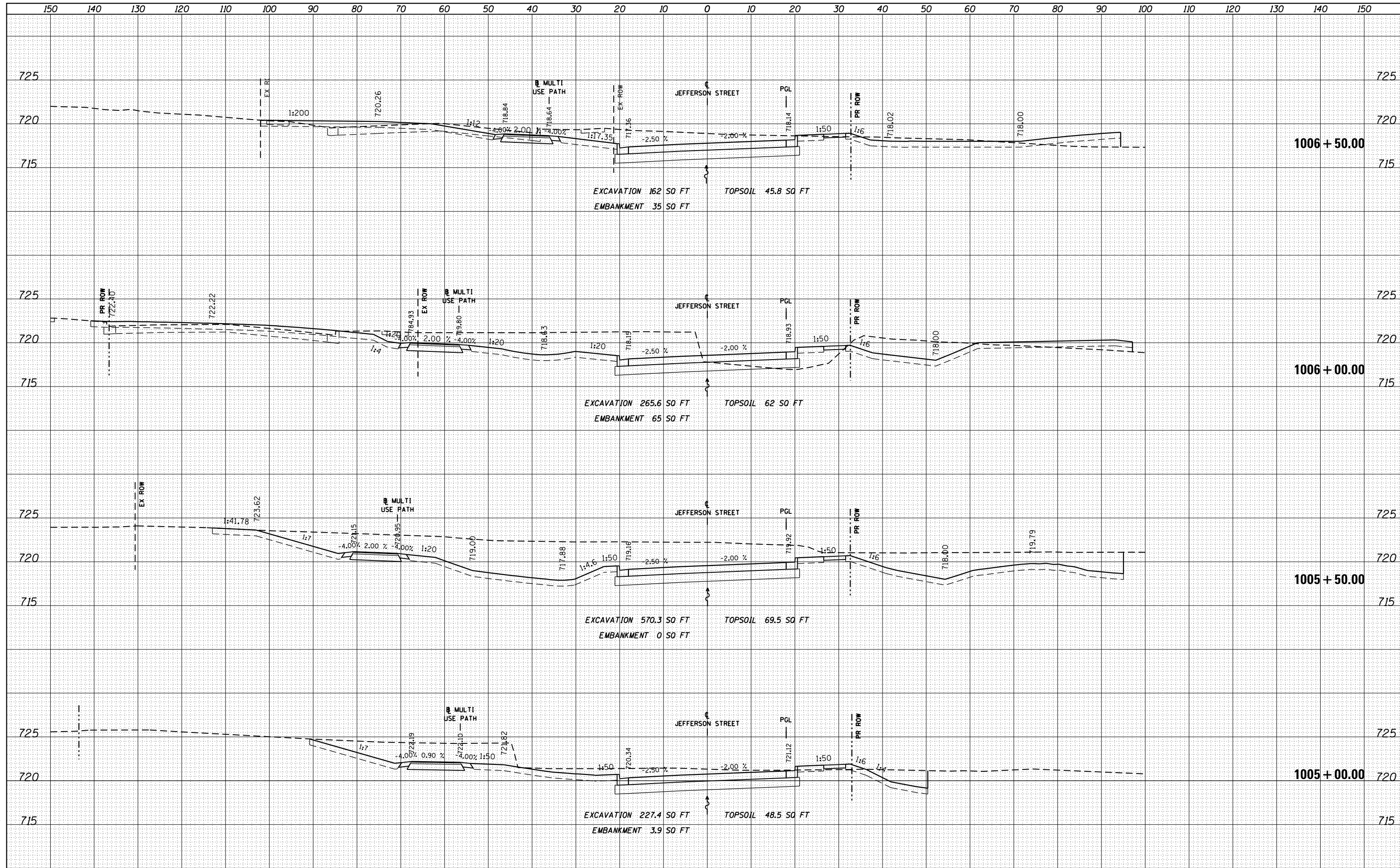


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PLOT DATE = Mon Dec 17 17:08:31 2012		DATE - \$SUBDATE\$	REVISED -		FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street Chicago, Illinois 60601

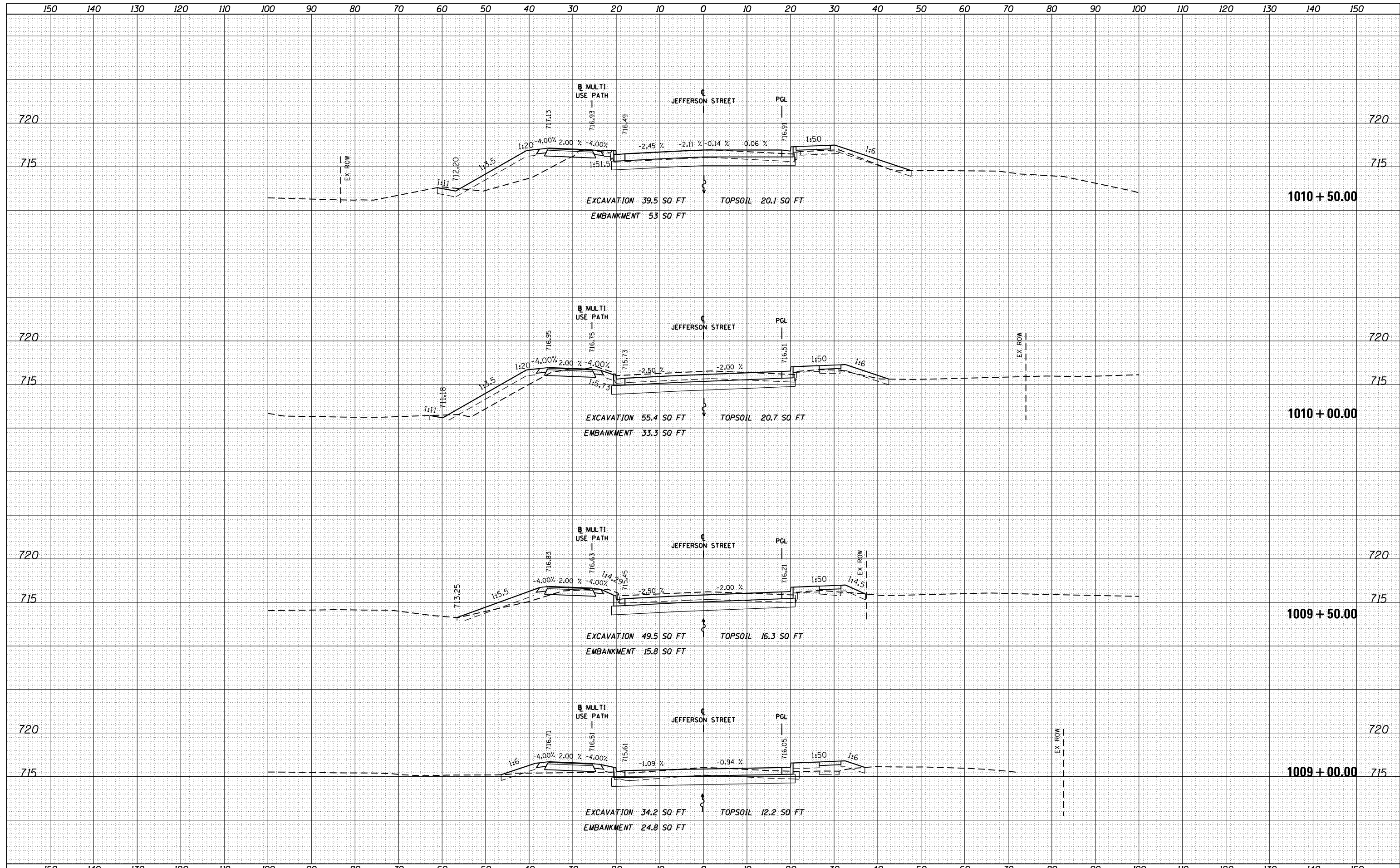


FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JEFFERSON STREET CROSS SECTIONS SCALE: 1"=10'H 1"=5'V SHEET NO. OF SHEETS STA. 1008+00.00 TO STA. 1008+50.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = Mon Dec 17 17:08:42 2012	DATE - \$SUBDATE\$	CHECKED - RCH	REVISED -			CONTRACT NO. 64750					
			REVISED -			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT					

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601



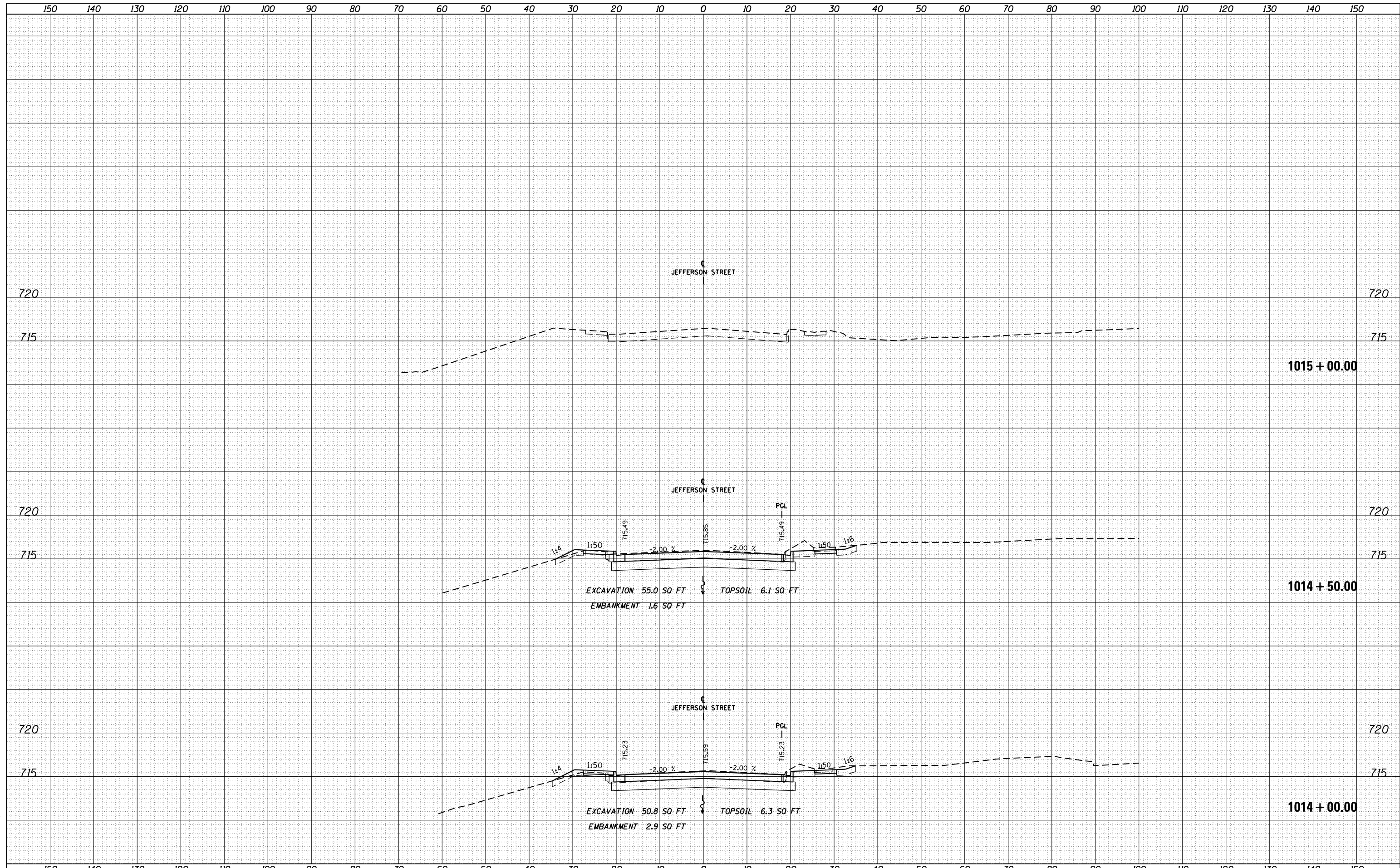
FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JEFFERSON STREET CROSS SECTIONS SCALE: 1"=10'H; 1"=5' SHEET NO. OF SHEETS STA. 1000+00.00 TO STA. 1002+00.00
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		CHECKED - RCH	REVISED -		
		DATE - *SUBDATE*	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	306
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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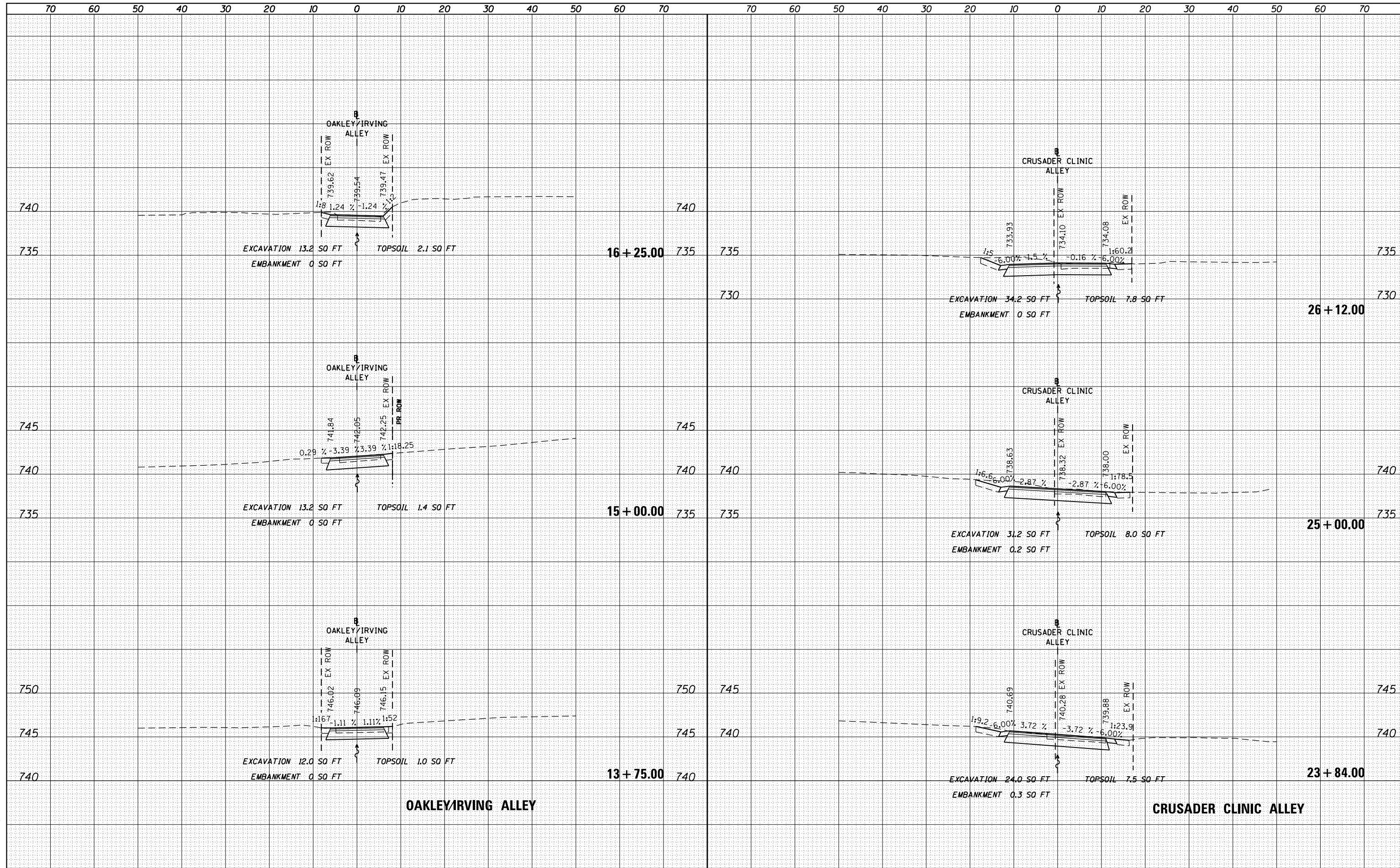
McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601



FILE NAME =	USER NAME = dosddd	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JEFFERSON STREET CROSS SECTIONS SCALE: 1"=10'H, 1"=5'	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Mon Dec 17 17:09:22 2012	DATE - \$SUBDATE\$	REVISED -				FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

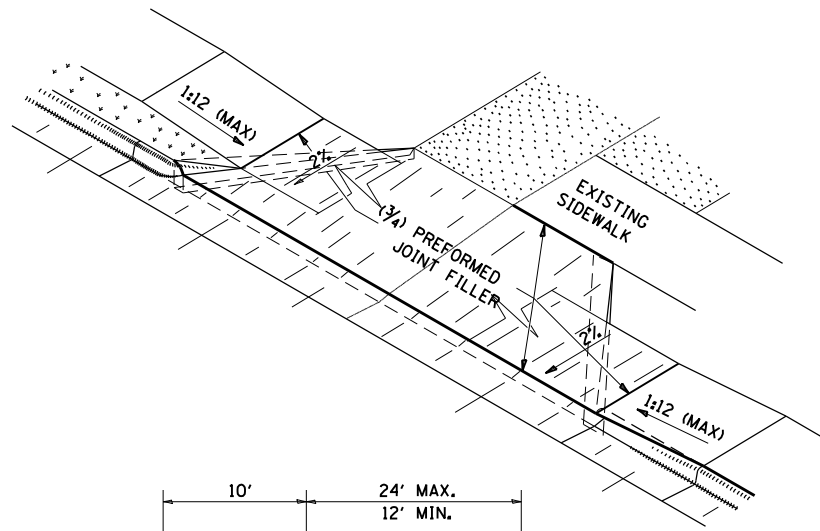
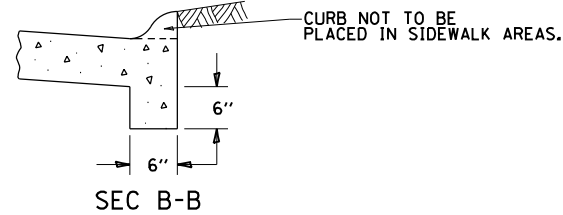
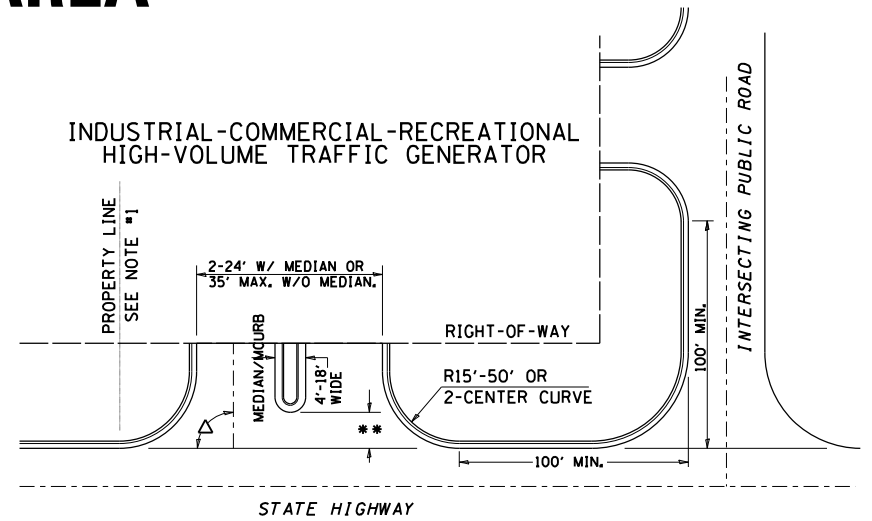
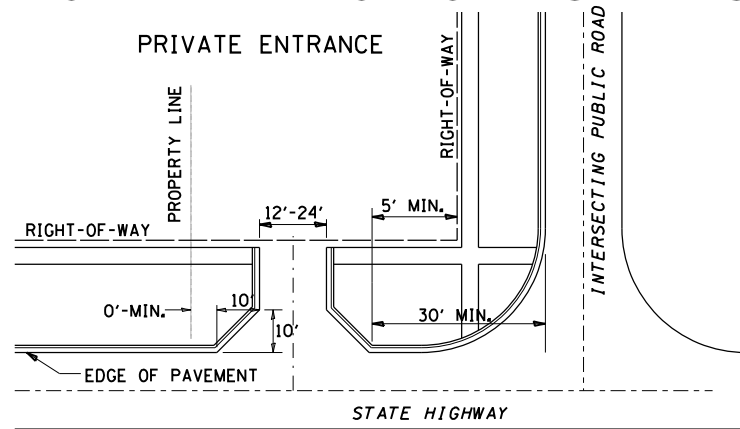
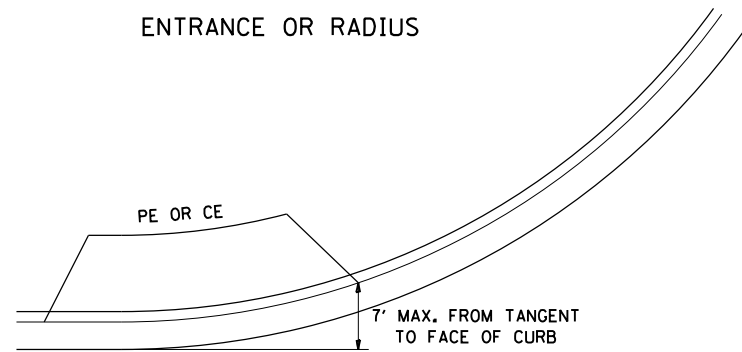
DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = dossed	DESIGNED - BA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OAKLEY/IRVING ALLEY CROSS SECTIONS CRUSADER CLINIC ALLEY CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 20.0000' / in.	CHECKED - RCH	REVISED -	CONTRACT NO. 64750							
PLOT DATE = Mon Dec 17 17:10:05 2012	DATE - \$SUBDATE\$	REVISED -	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT							

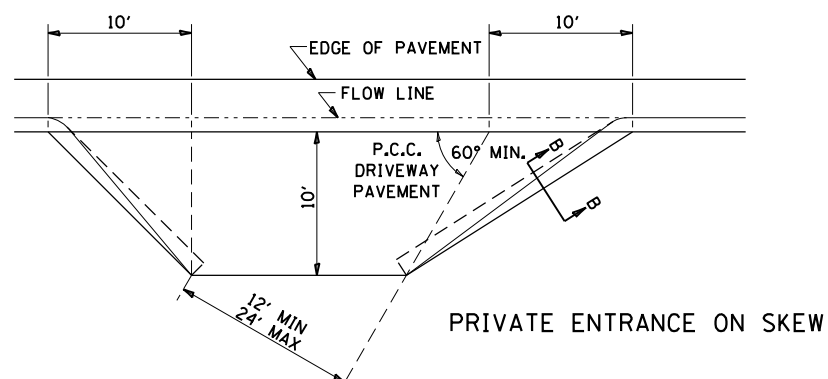
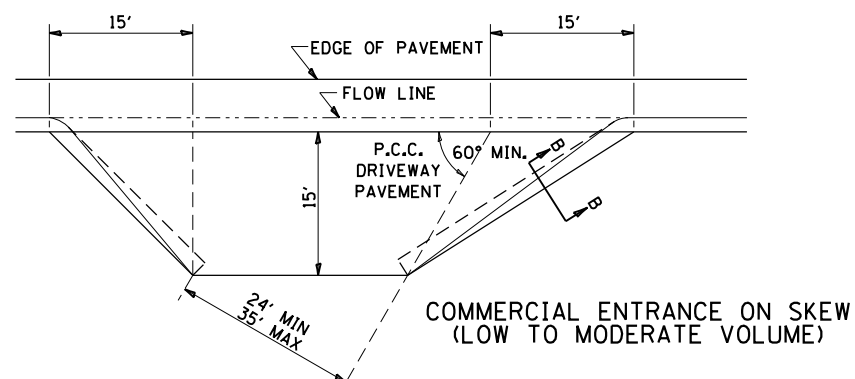
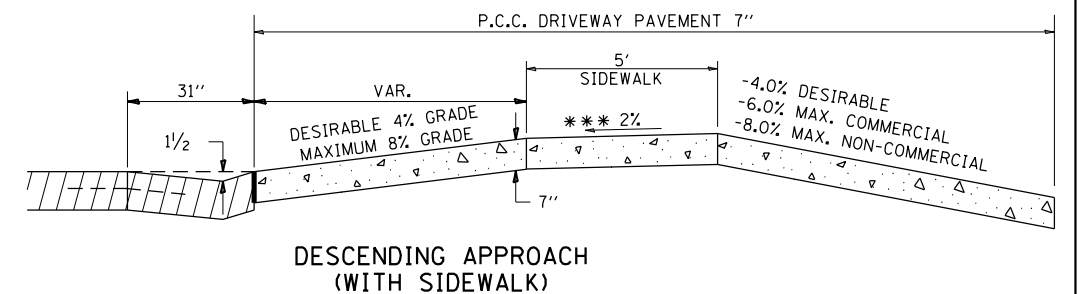
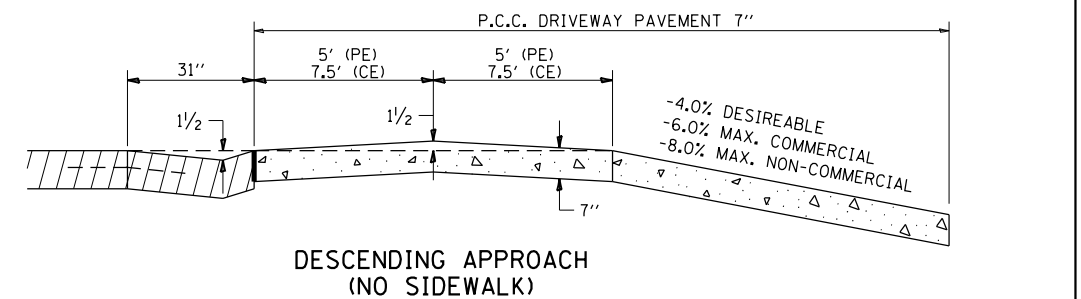
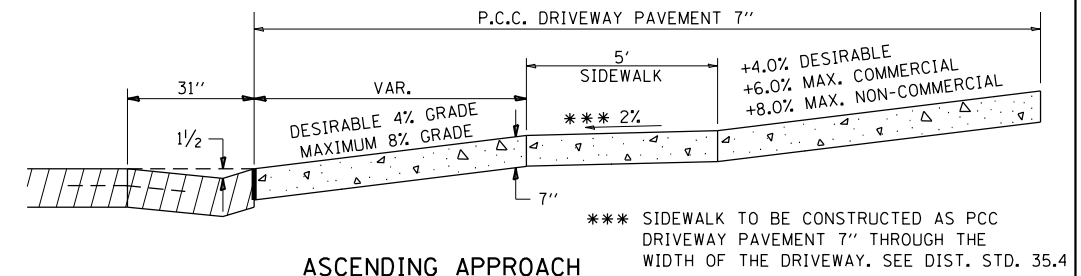
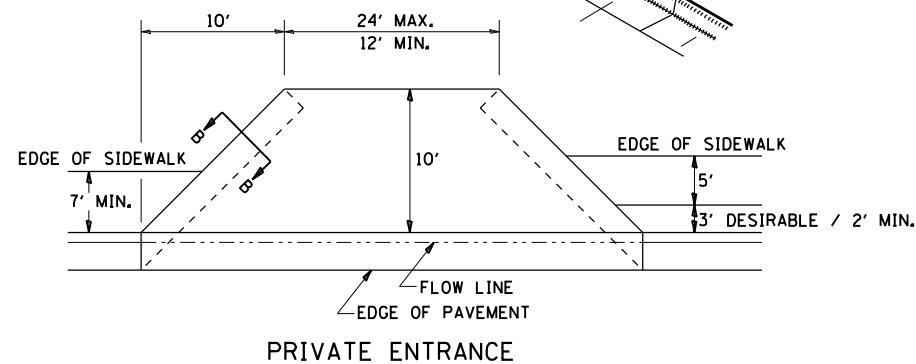
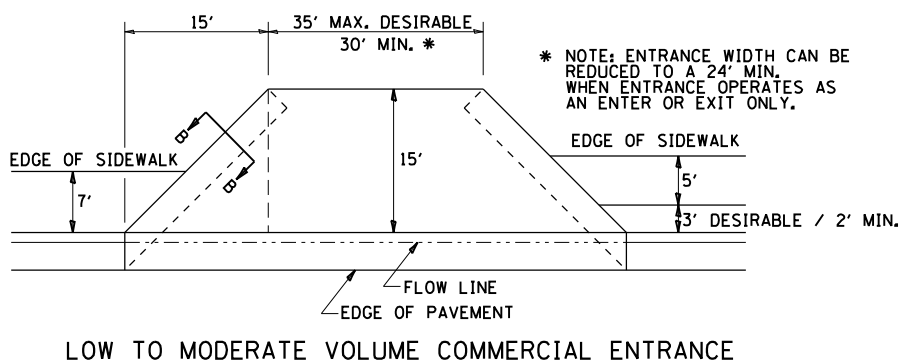
ENTRANCE APPROACHES – URBAN AREA



A MINIMUM OF 440 FEET SHALL BE MAINTAINED BETWEEN CENTER LINES OF ADJACENT DRIVEWAYS.
 Δ 90° DESIRABLE, 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.
 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.

NOTE: #1 ENCROACHMENT ON THE ADJACENT PROPERTY OWNER LAND REQUIRES HIS OR HER WRITTEN APPROVAL.

** 4'-10" IF HIGHWAY CURBED.
 AT EDGE OF SHOULDER IF HIGHWAY UNCURBED.



NOTE: CURVED ENTRANCE RETURNS MAY BE USED FOR LOW TO MODERATE VOLUME LOCATIONS WITH REVIEW ON A CASE-BY-CASE BASIS.

FILE NAME =	USER NAME = dossed	DESIGNED -	REVISED - 12-07-10
es:\pwork\pwork\dot\dossed\dms67949\0264750-sh-t-detai1s-1pgs311-327.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Mon Dec 17 16:31:59 2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	311
CONTRACT NO. 64750				

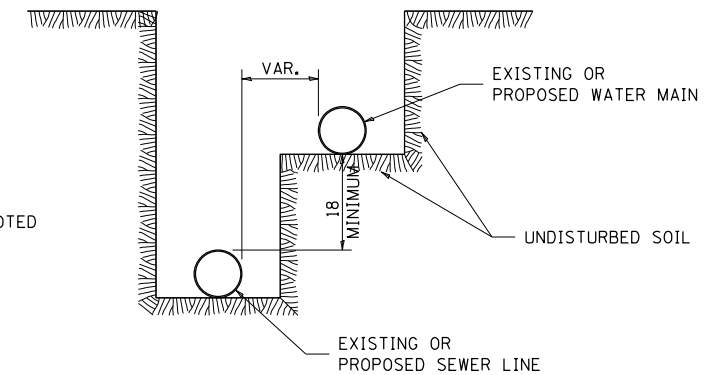
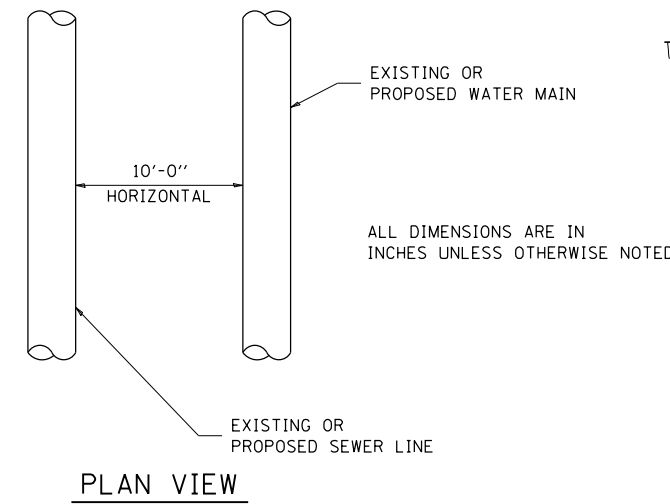
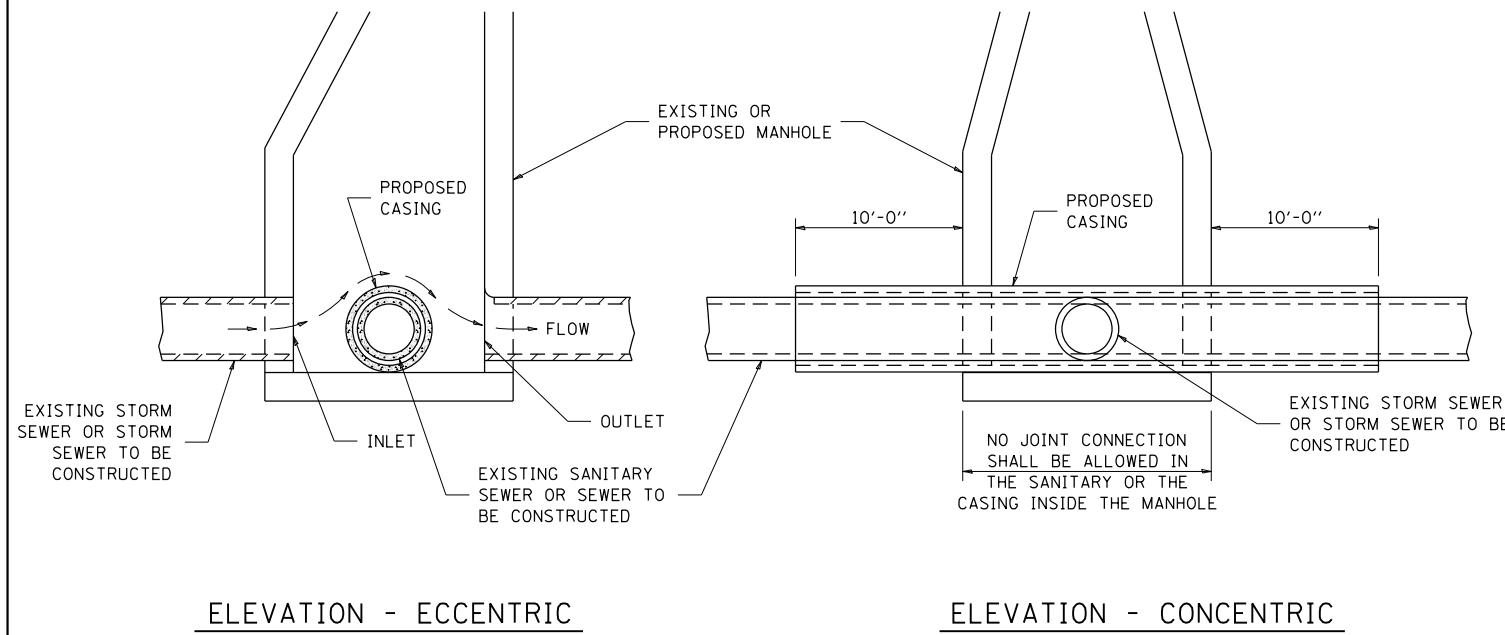
FED. ROAD DIST. NO. 2 (ILLINOIS) FED. AID PROJECT

SEWER AND WATER MAIN CROSSINGS

THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10'-0" OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10'-0" FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.

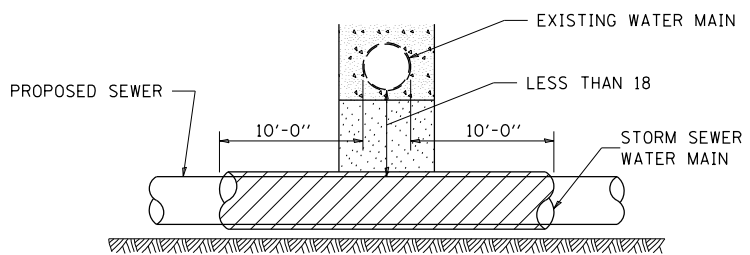


AT GRADE CROSSING OF SANITARY AND STORM SEWER

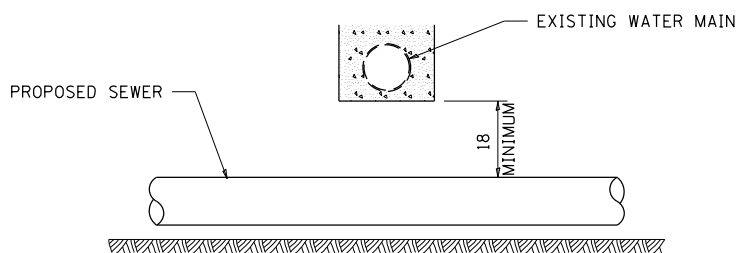
CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



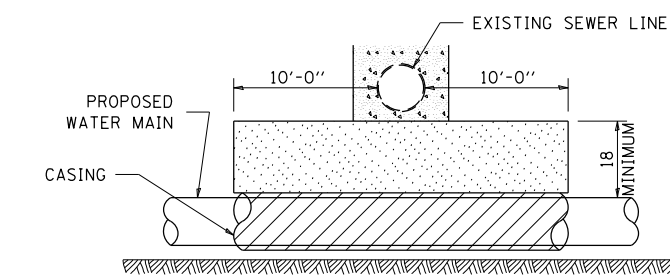
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

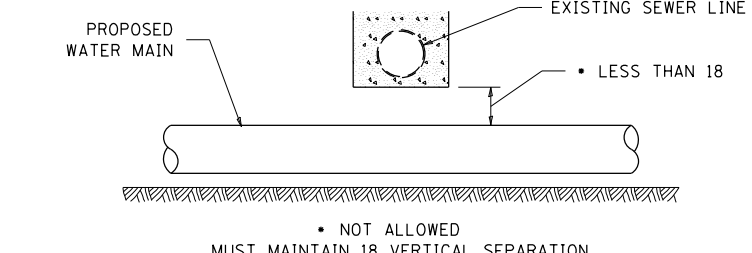
PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT
PLACE TRENCH BACKFILL FOR 10 FT. ON EITHER SIDE OF SEWER LINE



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

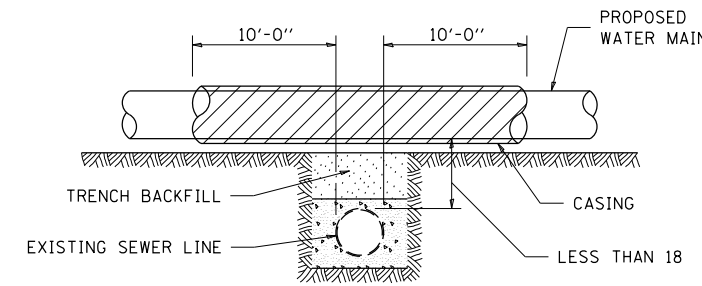
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

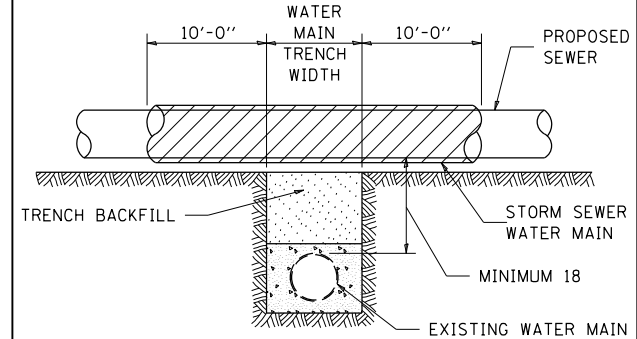


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 18 VERTICAL SEPARATION

FILE NAME =	USER NAME = dossed	DESIGNED -	REVISED - 10-17-11
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	PLOT DATE = Mon Dec 17 16:32:12 2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

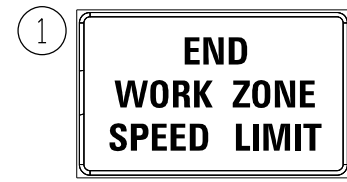
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	312
			CONTRACT NO. 64750	

FED. ROAD DIST. NO. 2 (ILLINOIS) FED. AID PROJECT

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 1

SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS



G20-I103(0)-3660

DRUMS OR BARRICADES
@ 50' CENTERS

L (2)

DRUMS OR BARRICADES
@ 50' CENTERS

L (2)

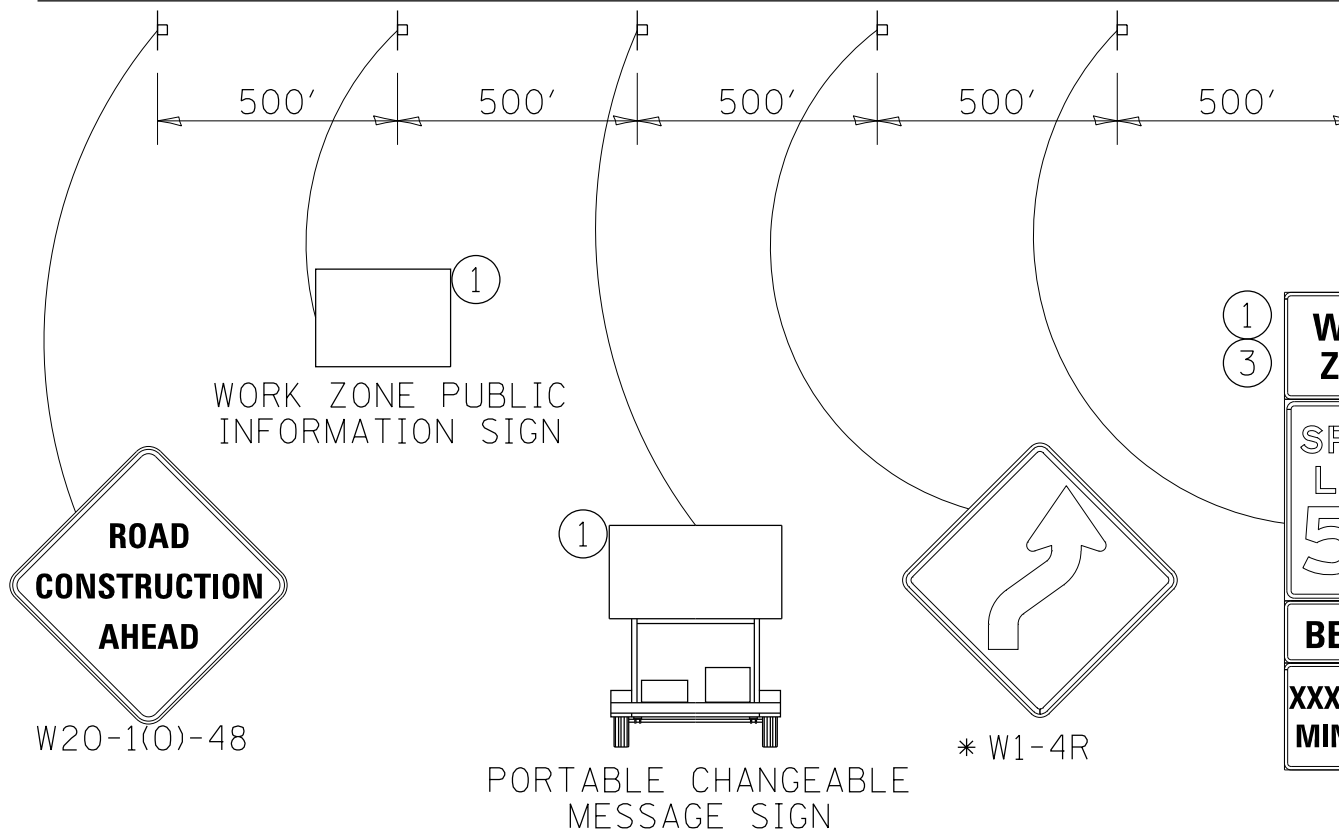
SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS

GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION
WITH THE APPLICABLE MULTILANE TRAFFIC
CONTROL AND PROTECTION STANDARD.

1. If applicable, Use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED
IN THE COST OF SPECIFIED TRAFFIC CONTROL
STANDARDS OR ITEMS.



○ DRUMS OR BARRICADES

▨ WORK AREA

NOTE: STANDARDS 701301 AND 701306
SHALL NOT BE USED WITHIN 500 FEET
OF THE TRANSITION.

* DEPENDS ON GEOMETRICS
OF THE TRANSITION. MAY
SWITCH THE "STAY IN YOUR
LANE" AND "WEAVE SIGNS"

FILE NAME =	USER NAME = dossed	DESIGNED -	REVISED - 3-5-12
et:\pw\work\p\dot\dossed\dms67949\0264750-sh-t-detail-1-pgs311-327.dgn		DRAWN -	REVISED -
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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

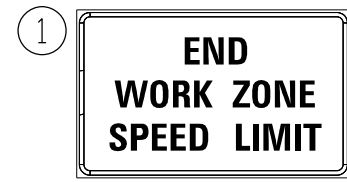
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	313
FED. ROAD DIST. NO. 2 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 64750	

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 2

SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS



G20-I103(0)-3660

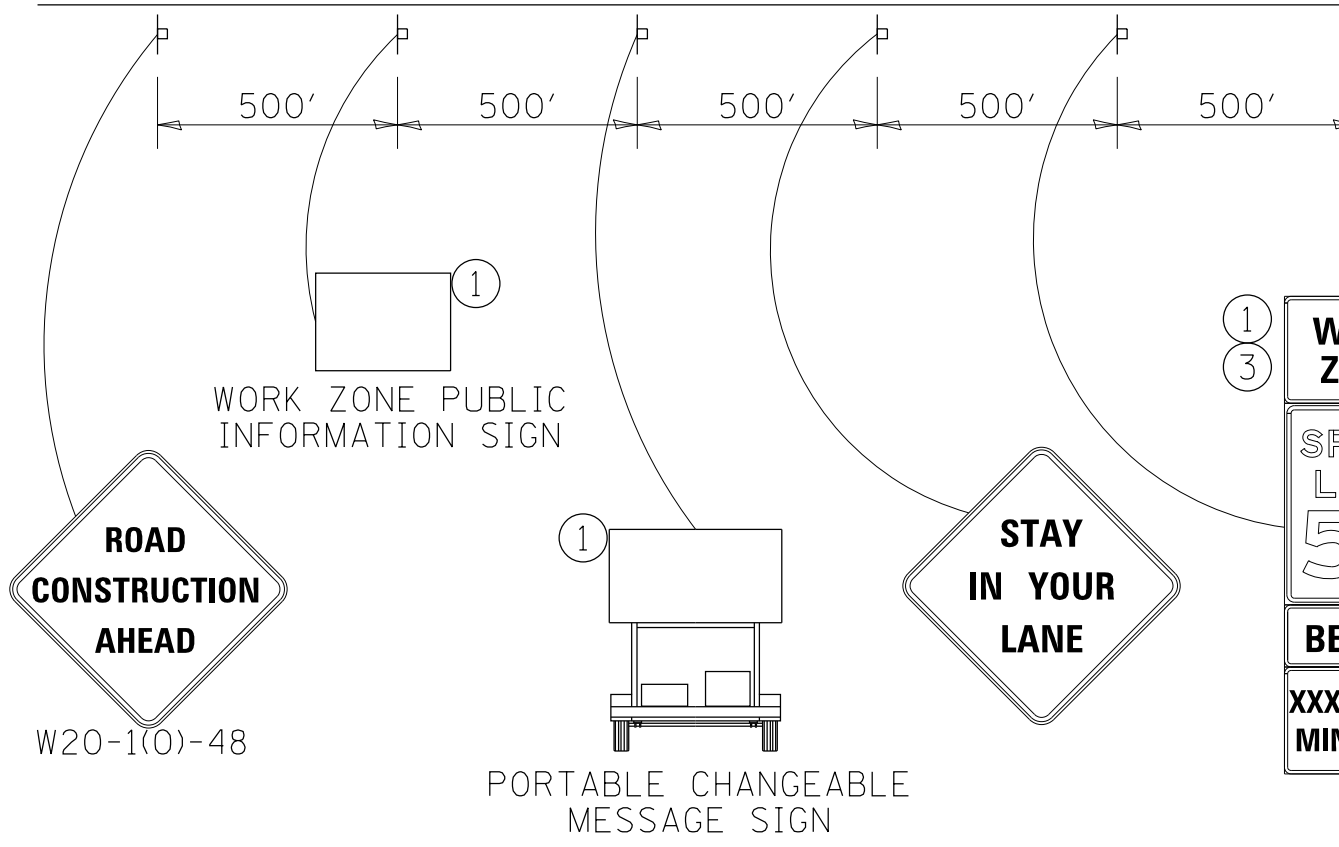
DRUMS OR BARRICADES
@ 50' CENTERS

L (2)

DRUMS OR BARRICADES
@ 50' CENTERS

L (2)

SIGNS, DEVICES & FLAGGERS
ACCORDING TO APPLICABLE
TRAFFIC CONTROL STANDARDS



GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

○ DRUMS OR BARRICADES

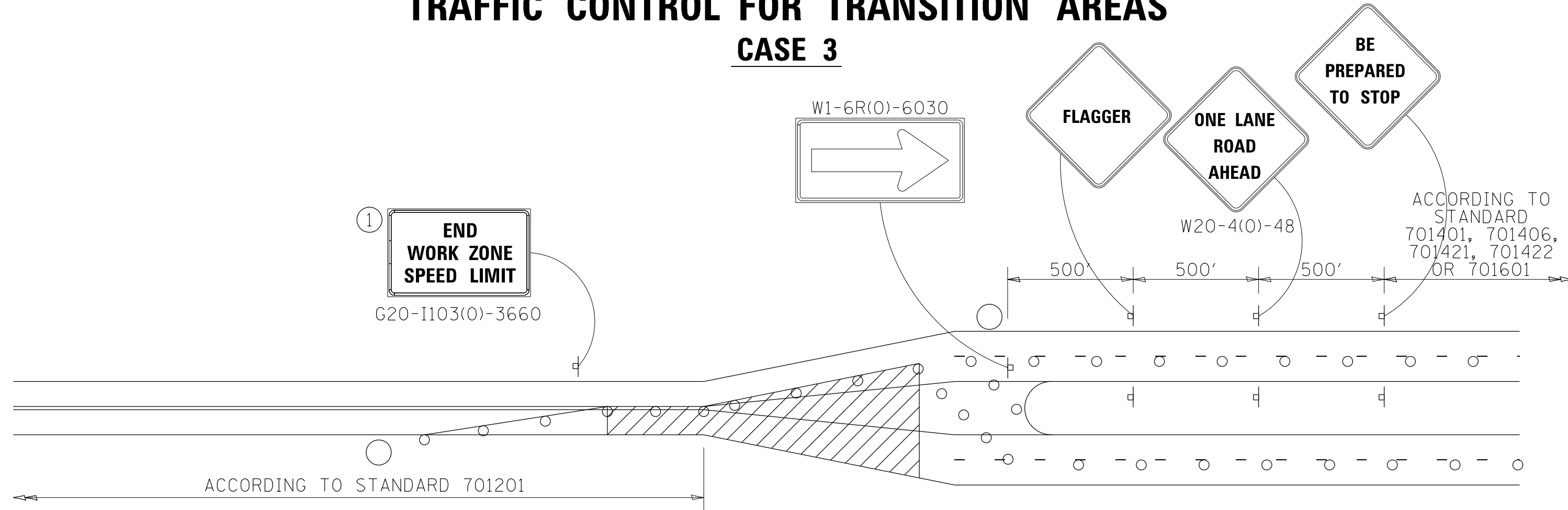
▨ WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

FILE NAME =	USER NAME = dossdd	DESIGNED -	REVISED - 3-5-12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 64750								
PLOT DATE = Mon Dec 17 16:32:30 2012	DATE -	REVISED -	FED. ROAD DIST. NO. 2 (ILLINOIS) FED. AID PROJECT								

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 3



GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

○ FLAGGER WITH TRAFFIC CONTROL SIGN

○ DRUMS OR BARRICADES

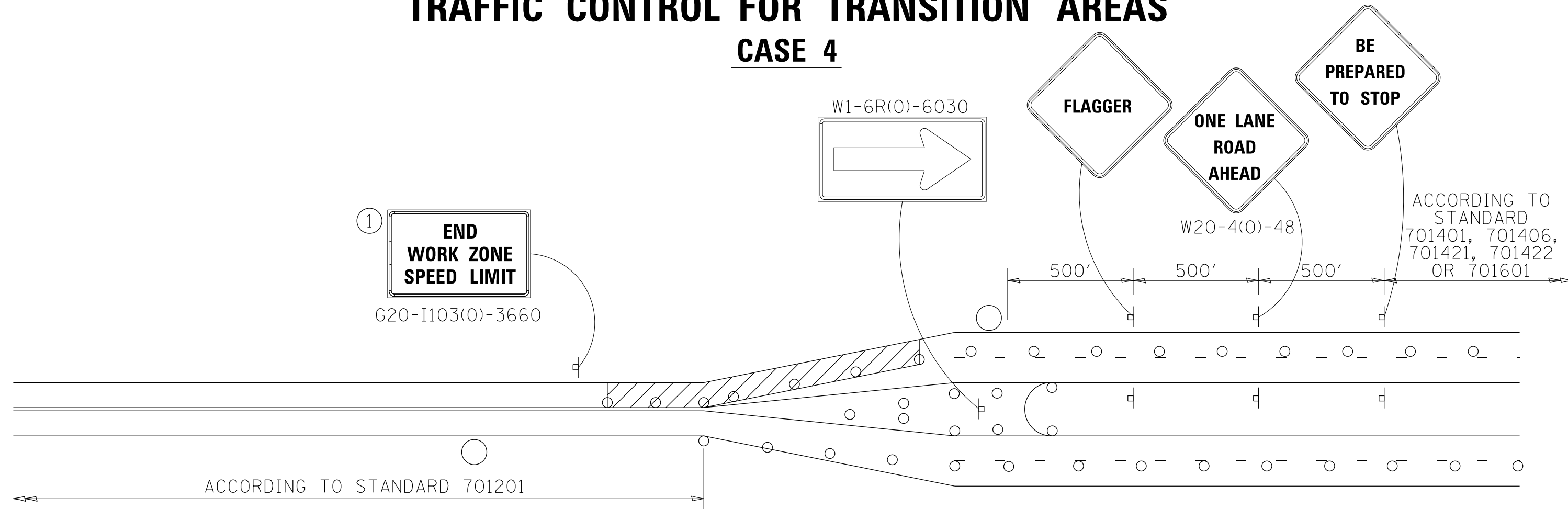
WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

FILE NAME =	USER NAME = dossdd	DESIGNED -	REVISED - 3-5-12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\dossdd\dms67949\0264750-sh-t-detail-1-pgs311-327.dgn		DRAWN -	REVISED -			303	41R	WINNEBAGO	327	315	
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 64750		FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			
PLOT DATE = Mon Dec 17 16:32:40 2012		DATE -	REVISED -								

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 4



ACCORDING TO STANDARD 701401, 701406, 701421, 701422 OR 701601

ACCORDING TO STANDARD 701201

GENERAL NOTES

THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use speed limit as shown on applicable multilane Traffic Control and Protection Standard.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 BEGINS shall be replaced with WORK ZONE SPEED LIMIT 45 BEGINS where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES
- WORK AREA

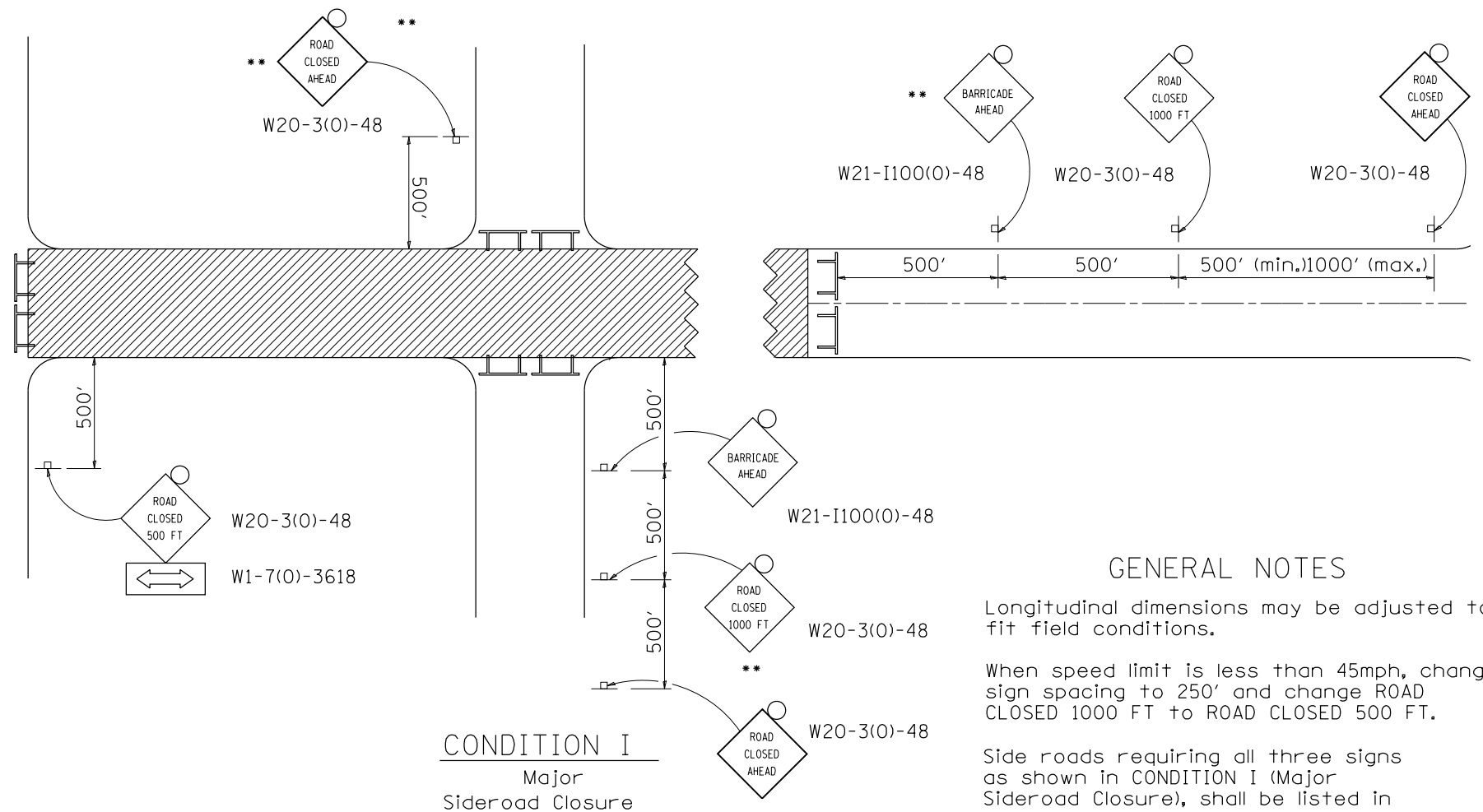
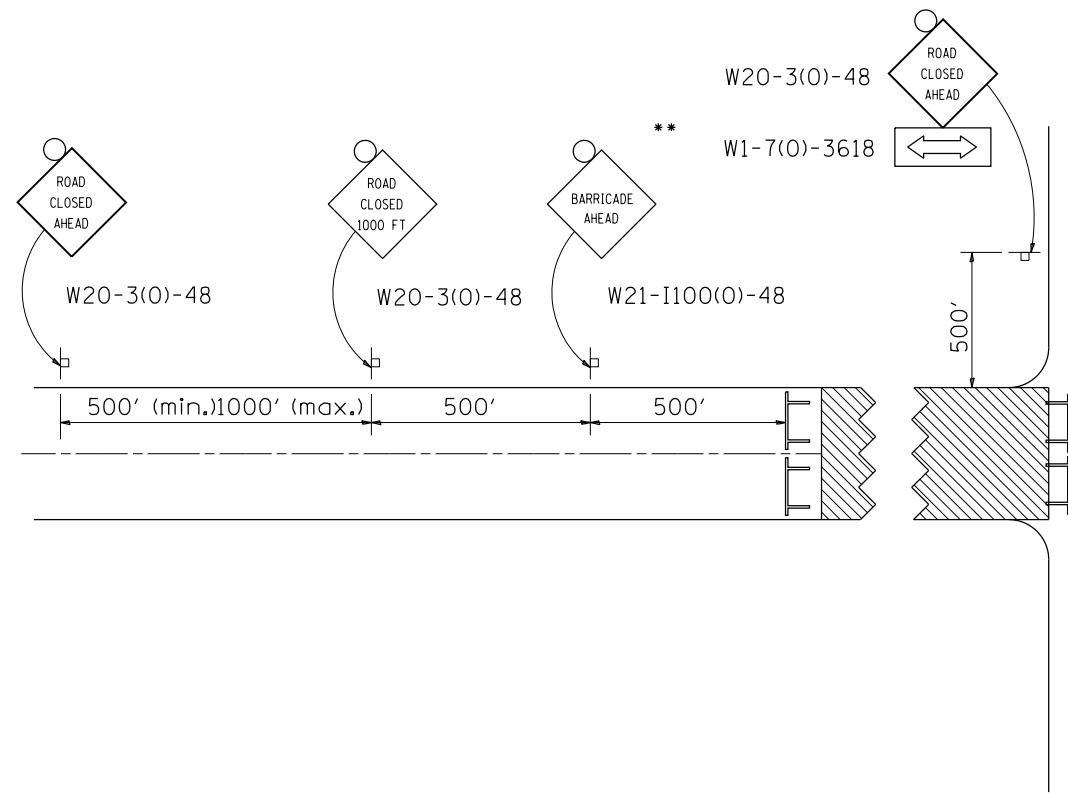
NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

FILE NAME =	USER NAME = dossed	DESIGNED -	REVISED - 3-5-12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE. 303	SECTION 41R	COUNTY WINNEBAGO	TOTAL SHEETS 327	SHEET NO. 316		
et:\pw\work\p\dot\dossed\dms67949\0264750-sh-t-detail-1-pgs311-327.dgn	DRAWN -	REVIS	REVISED -			SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 64750			
PLOT SCALE = 40.0000' / in.	CHECKED -	REVIS	REVISED -			FED. ROAD DIST. NO. 2 (ILLINOIS) FED. AID PROJECT						
PLOT DATE = Mon Dec 17 16:32:47 2012	DATE -	REVIS	REVISED -									

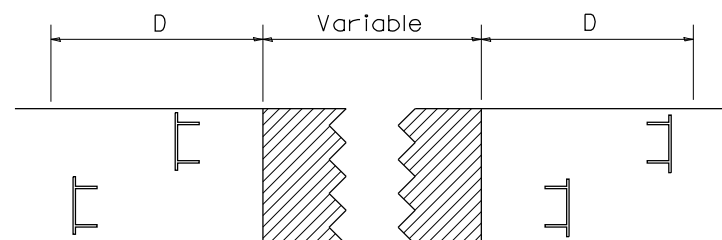
TRAFFIC CONTROL FOR ROAD CLOSURE

CONDITION II

Minor Sideroad Closure

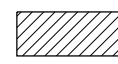




ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

SYMBOLS

-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

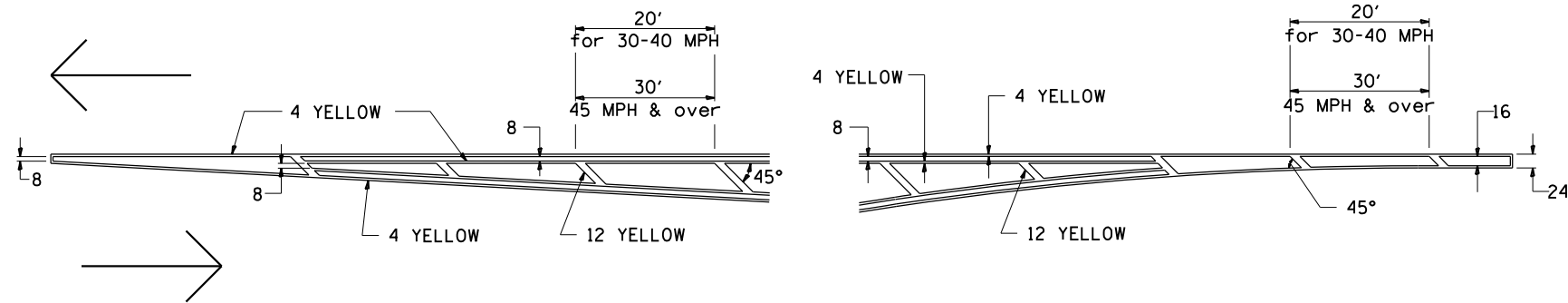
All dimensions are in inches unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

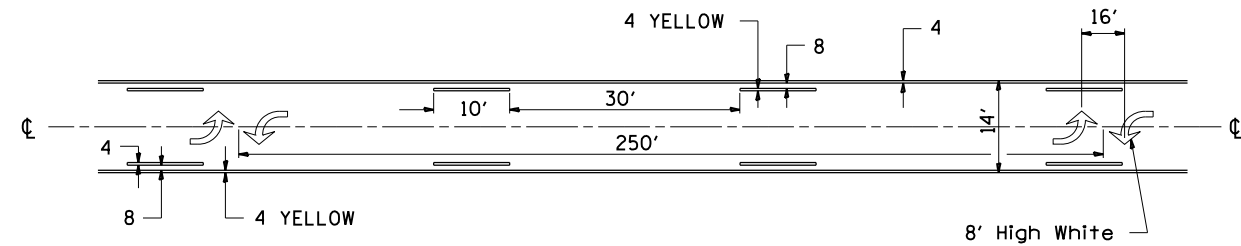
FILE NAME =	USER NAME = dosddd	DESIGNED -	REVISED - 10-17-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1dot\dosddd\dms67949\0264750-sh-t-detail-1-pgs311-327.dgn	DRAWN -	REVISED -	303					41R	WINNEBAGO	327	317	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 64750									
PLOT DATE = Mon Dec 17 16:32:58 2012	DATE -	REVISED -	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT									

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

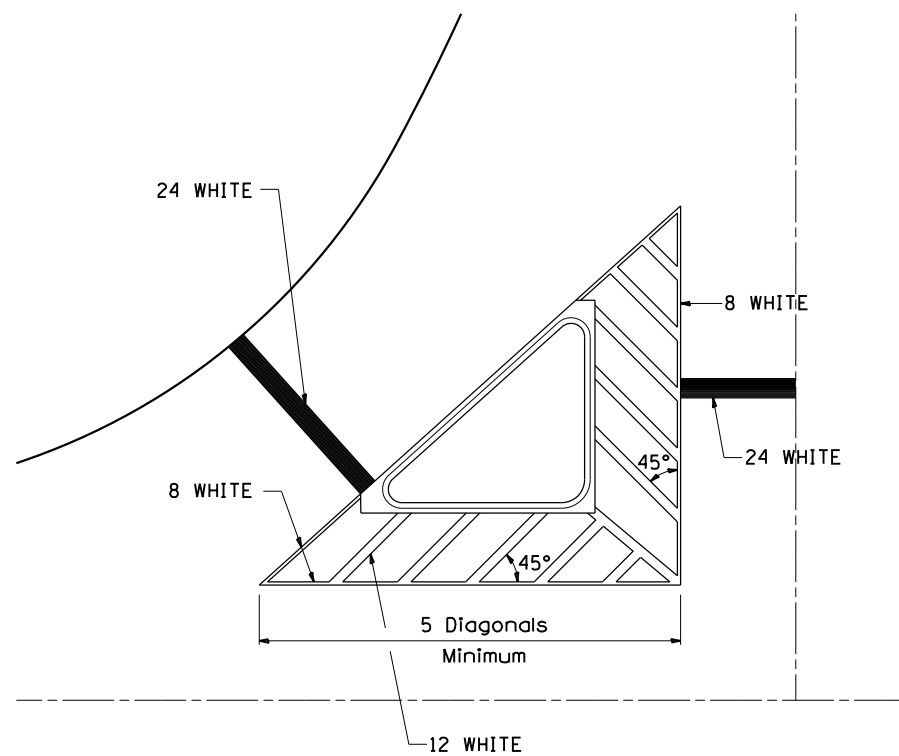


MEDIAN PAVEMENT MARKING

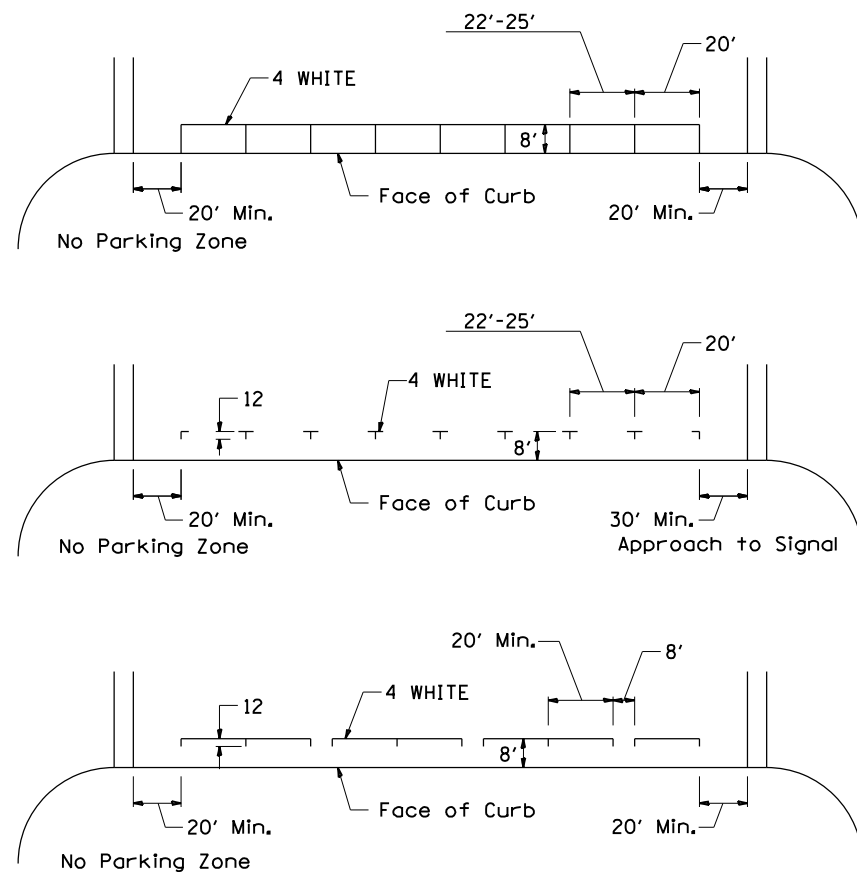


•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

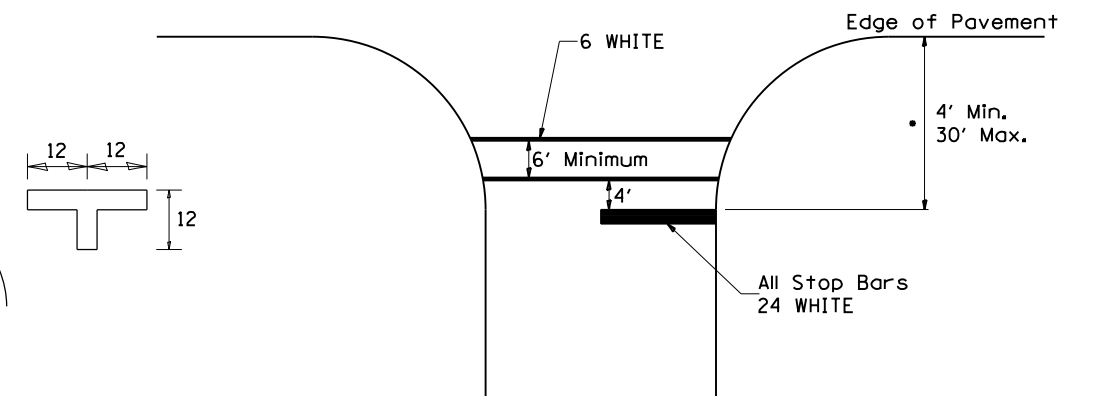


TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations

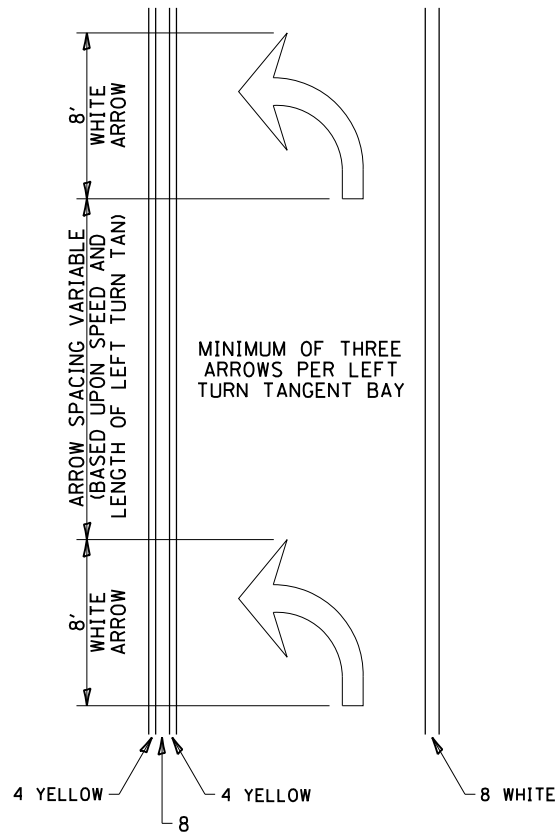


• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = dossdd	DESIGNED -	REVISED - 3-5-12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\dossdd\dms67949\0264750-sh-t-detail-1-pgs311-327.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	303	41R	WINNEBAGO	327	318
PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -					CONTRACT NO. 64750				
PLOT DATE = Mon Dec 17 16:33:09 2012		DATE -	REVISED -		FED. ROAD DIST. NO. 2 [ILLINOIS] FED. AID PROJECT							

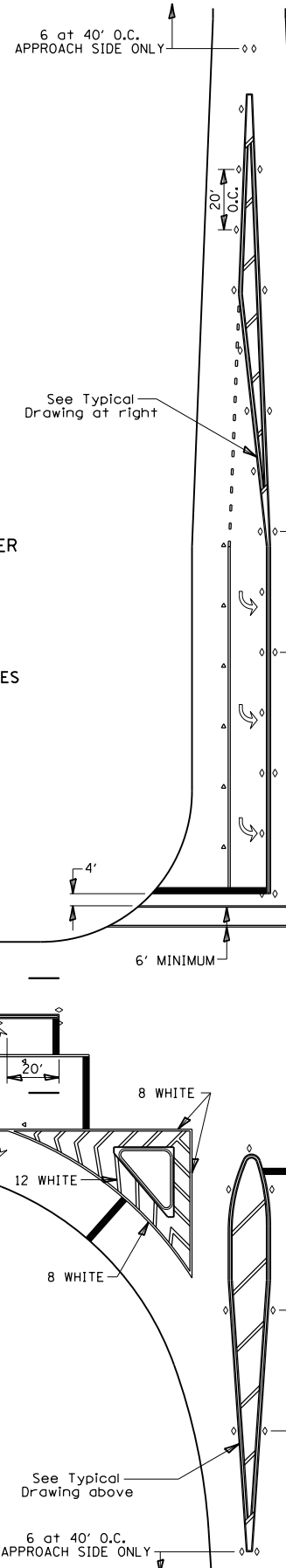
TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

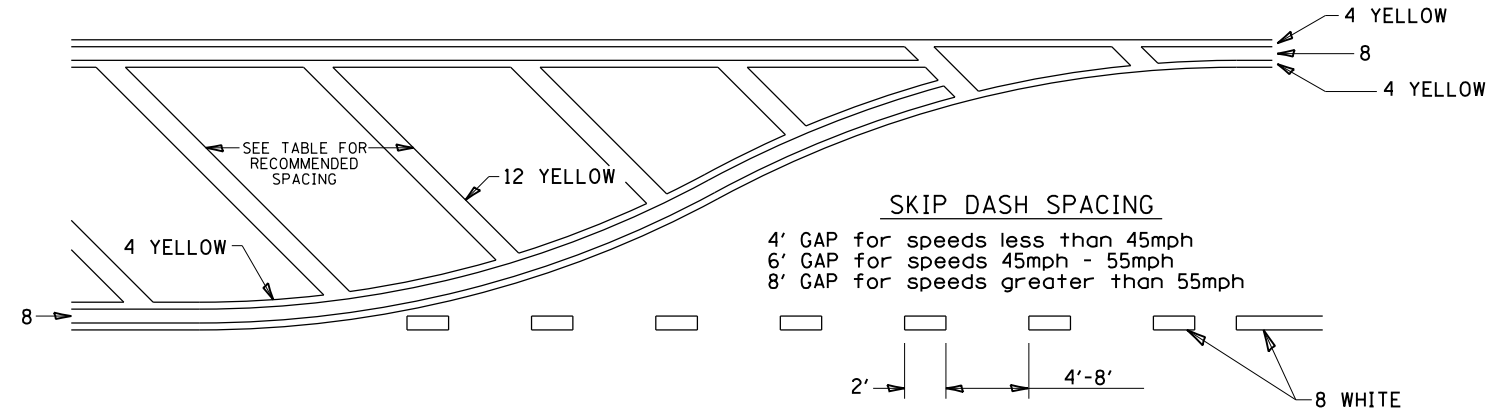


- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◊ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



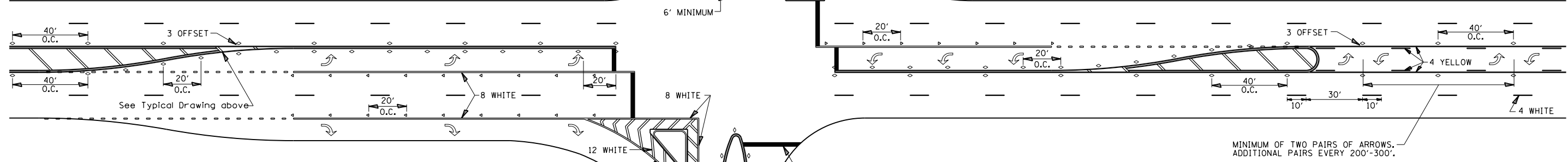
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



FILE NAME =	USER NAME = dossdd	DESIGNED -	REVISED - 3-5-12
et:\pw\work\p\dot\dossdd\dms67949\0264750-sh-t-d-tails-1pgs311-327.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

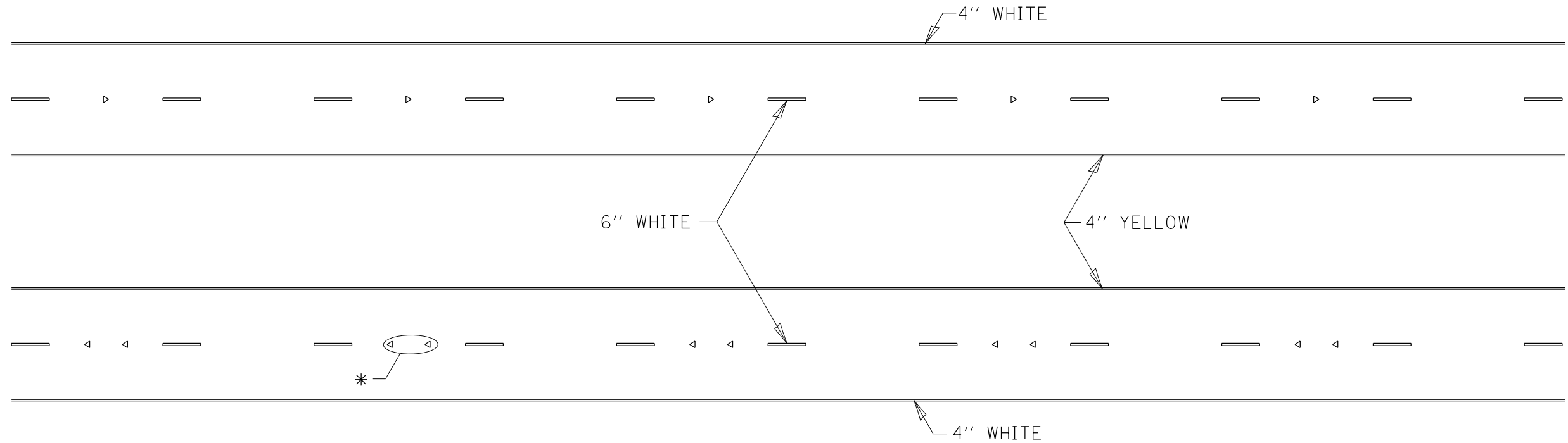
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

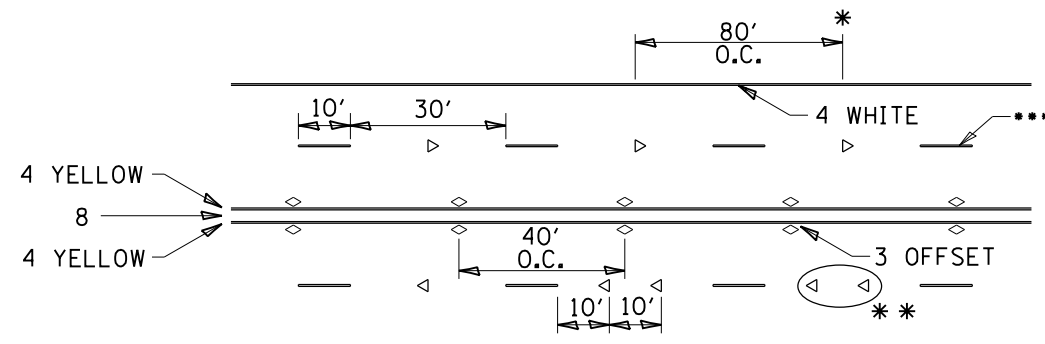
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	319
CONTRACT NO. 64750			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT \geq 25,000.

MULTI-LANE / DIVIDED

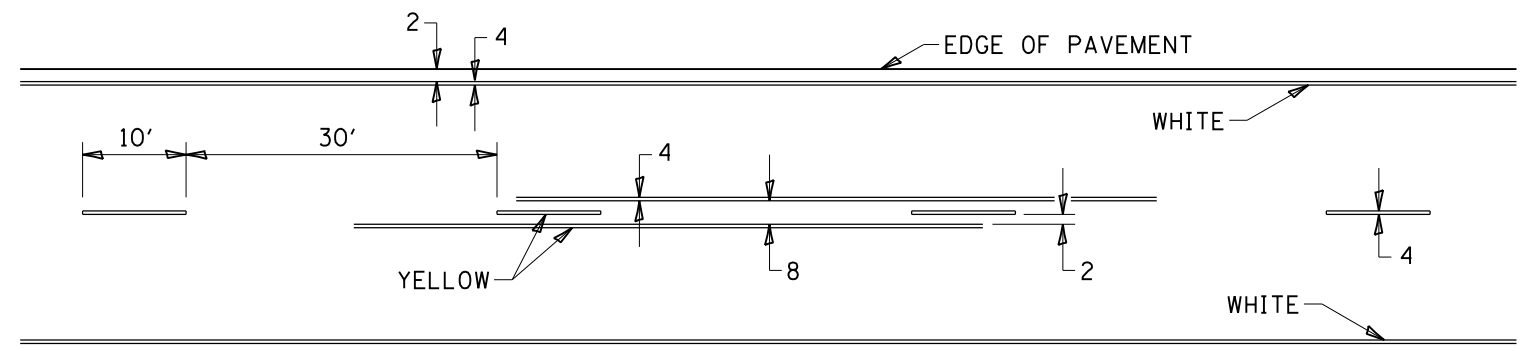


- * REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- ** USE DOUBLE MARKERS WHEN ADT \geq 25,000
- *** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE SPEED LIMIT 40 MPH AND OVER USE 6" LINE

MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS
DETAIL NOT HIGHWAY STANDARD 781001)

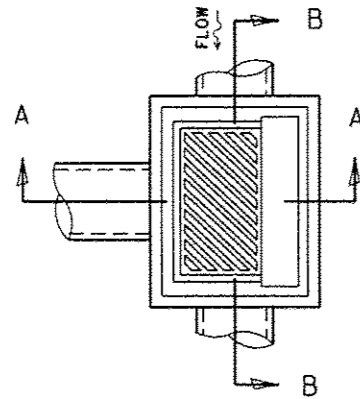
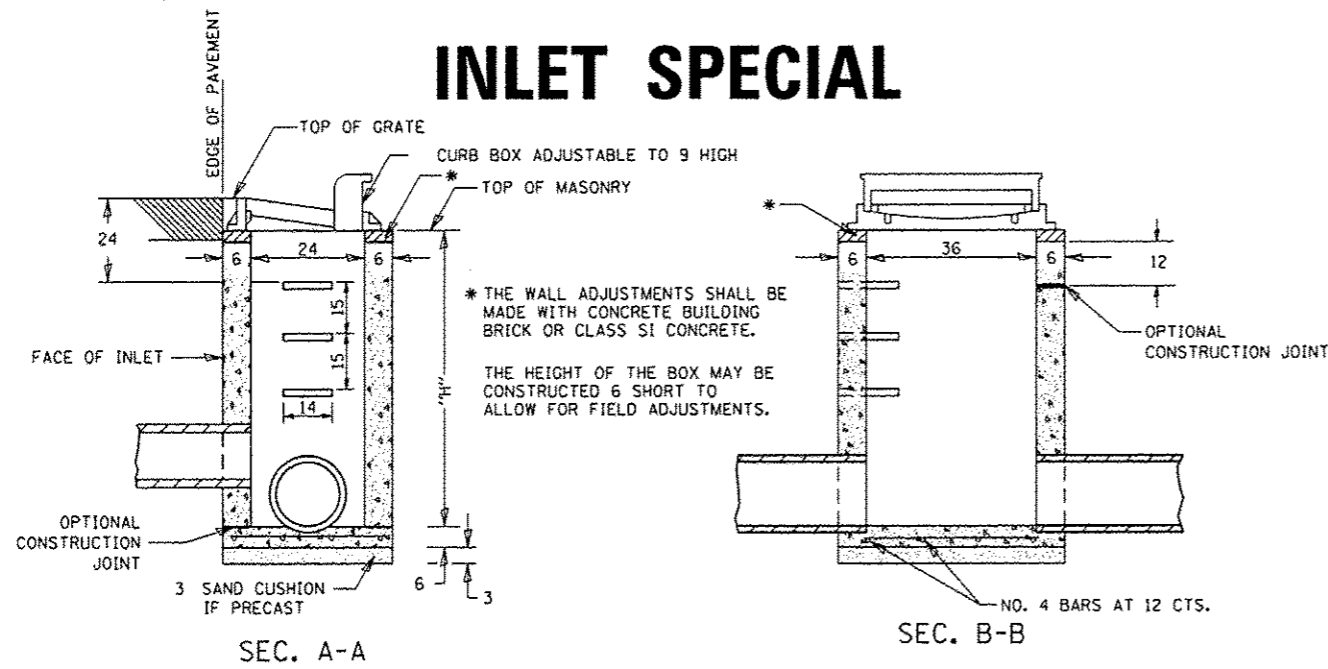
TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



SYMBOLS

FILE NAME =	USER NAME = dosddd	DESIGNED -	REVISED - 3-5-12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\dosddd\dms67949\0264750-sh-t-detail-1-pgs311-327.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -				303	41R	WINNEBAGO	327	320
PLOT DATE = Mon Dec 17 16:33:25 2012	DATE -	CHECKED -	REVISED -		CONTRACT NO. 64750			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			
					SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____				

INLET SPECIAL

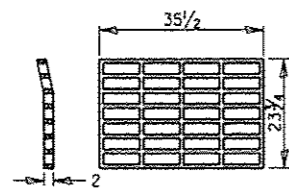
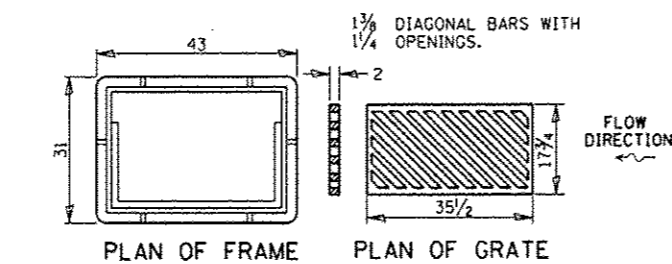


DETAIL OF FRAME & GRATE

NOTES

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.



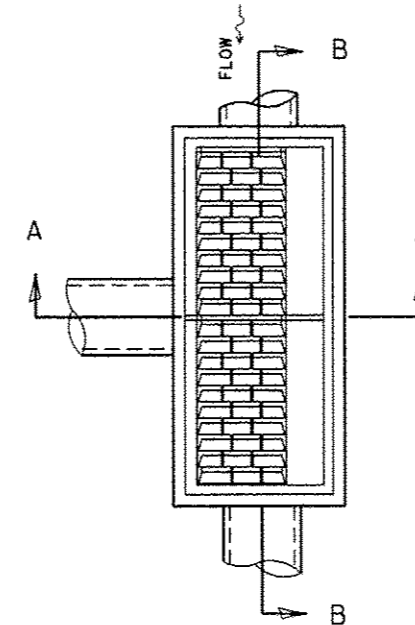
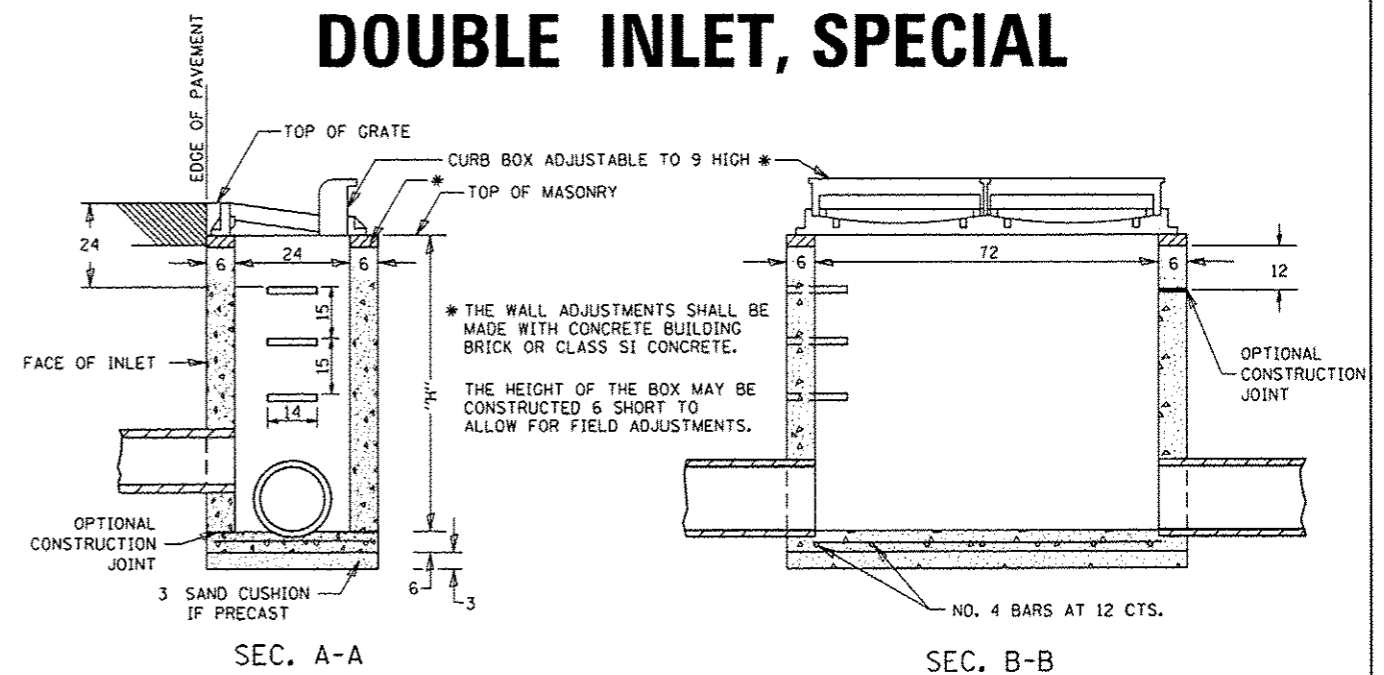
PLAN OF GRATE *

* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-13-11

DOUBLE INLET, SPECIAL



NOTES

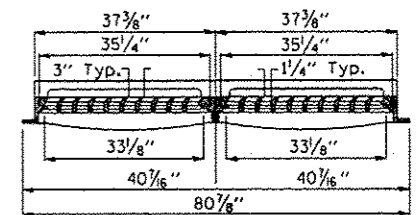
SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON DOUBLE INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

R-3295-2 DOUBLE UNIT STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FOOT.



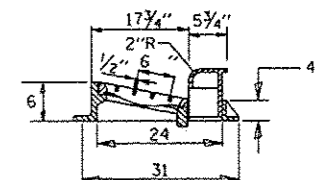
SECTION B-B

DETAIL OF FRAME & GRATE

NOTES

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.



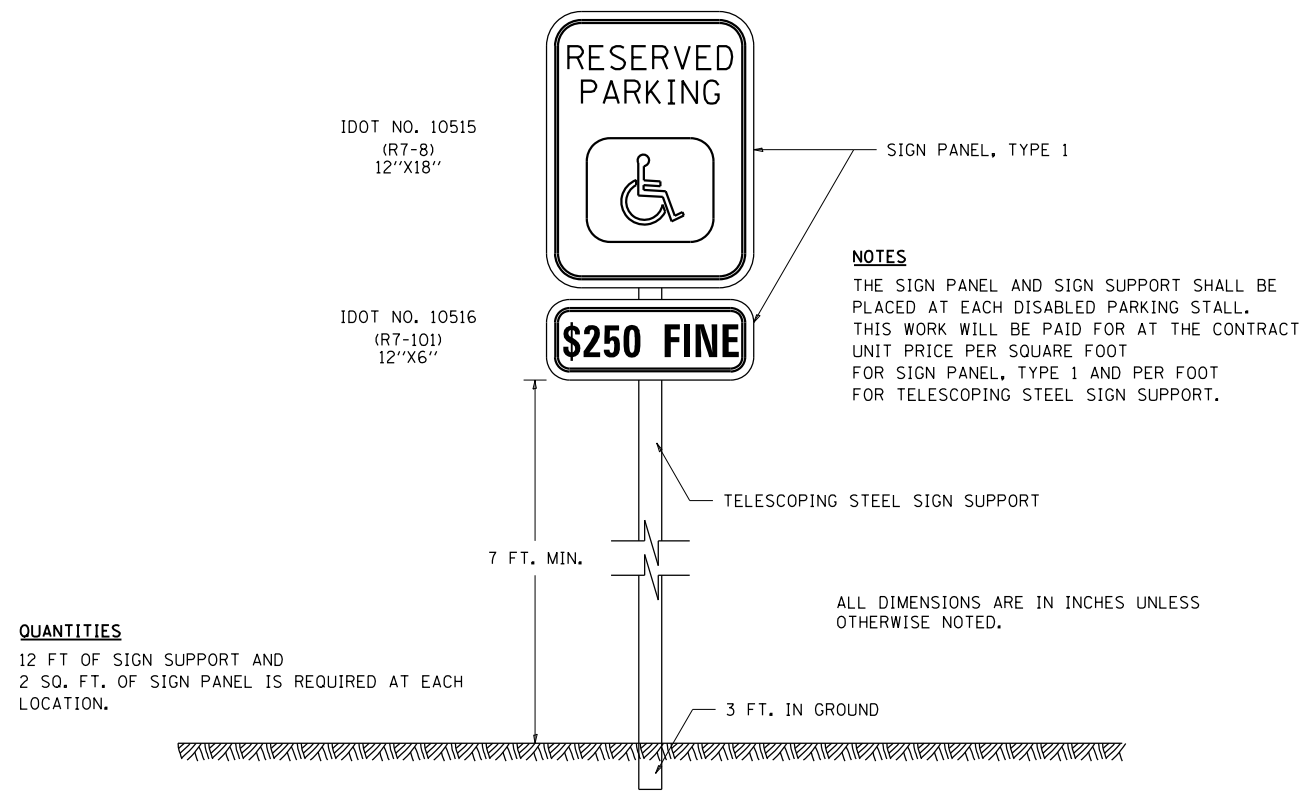
SECTION A-A

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

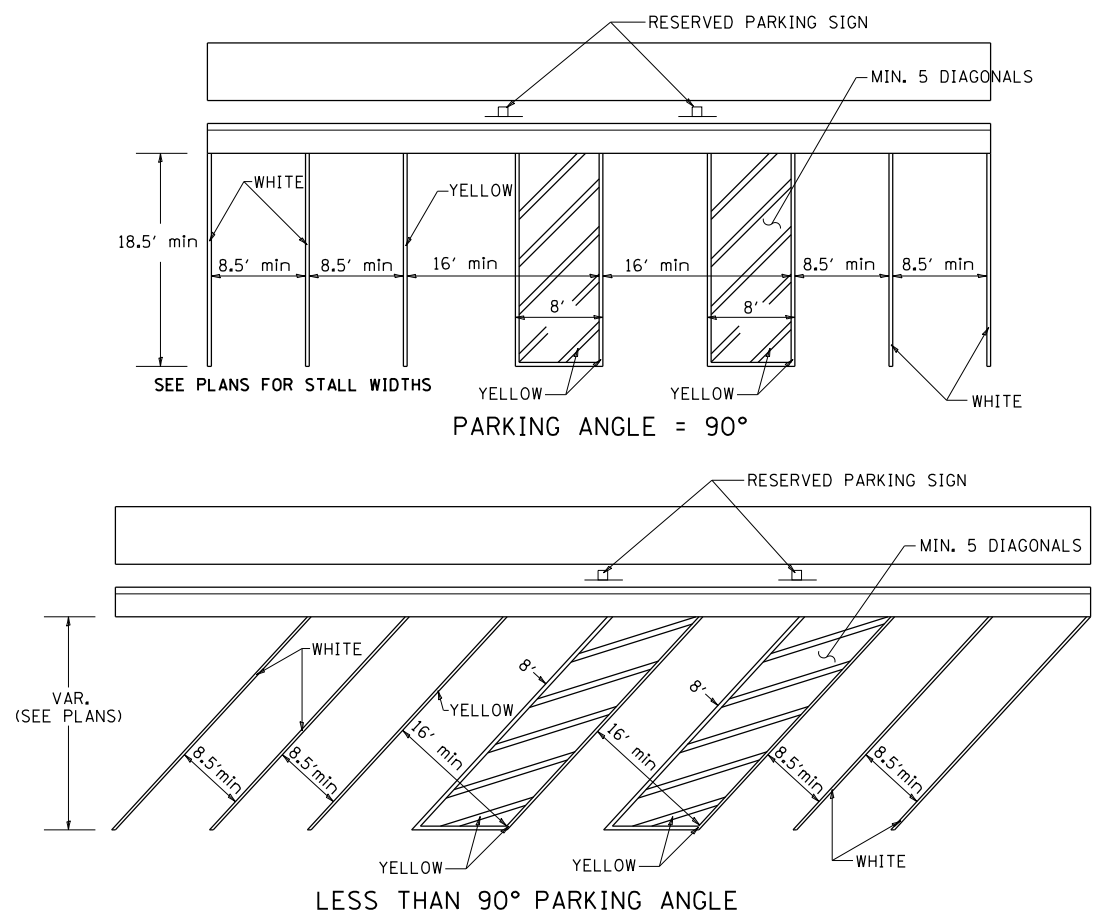
Rev.

REVISED - 10-13-11	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -	303	41R	WINNEBAGO	327	321
REVISED -	CONTRACT NO. 64750				
REVISED -	FED. ROAD DIST. NO. 2 [ILLINOIS] FED. AID PROJECT				

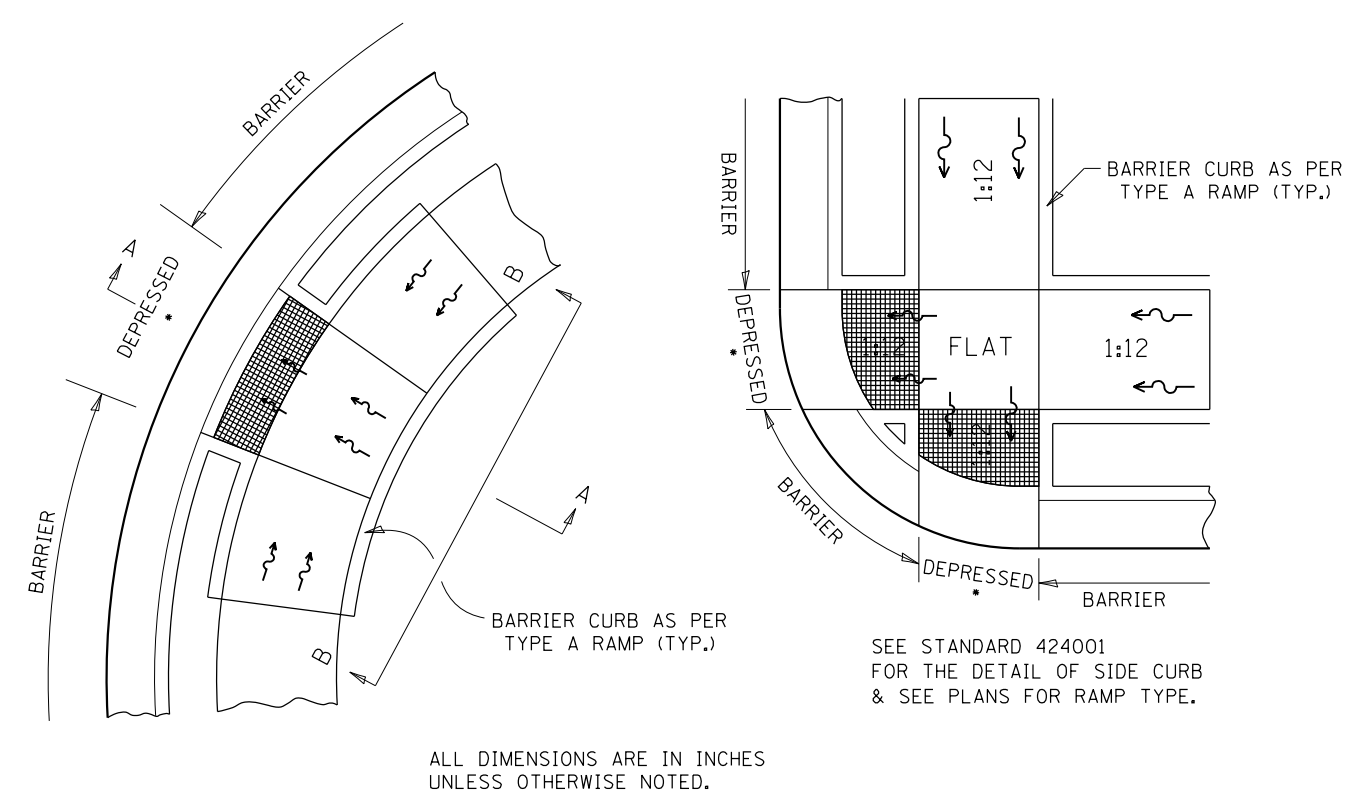
RESERVED PARKING SIGN DETAIL



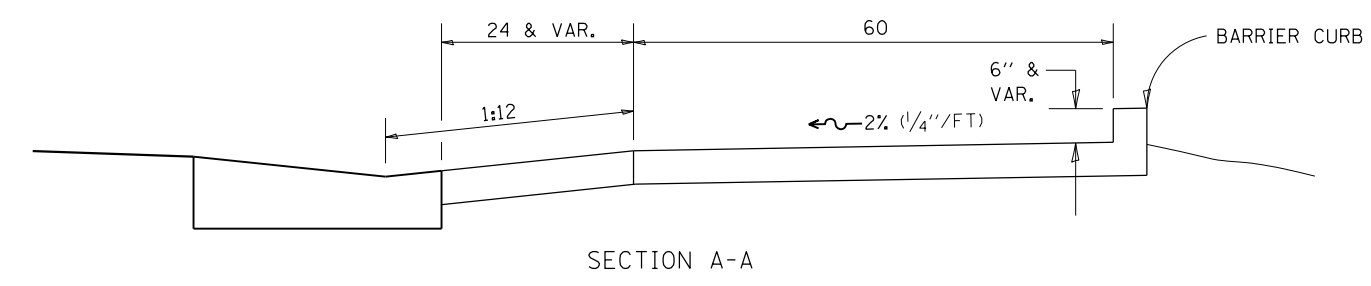
DISABLED PARKING STRIPING



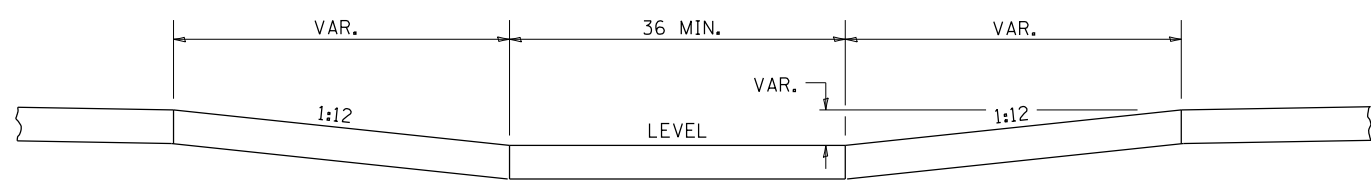
DISABLED RAMP DETAIL FOR TYPE A



• SEE NOTE BELOW



SECTION A-A



SECTION B-B

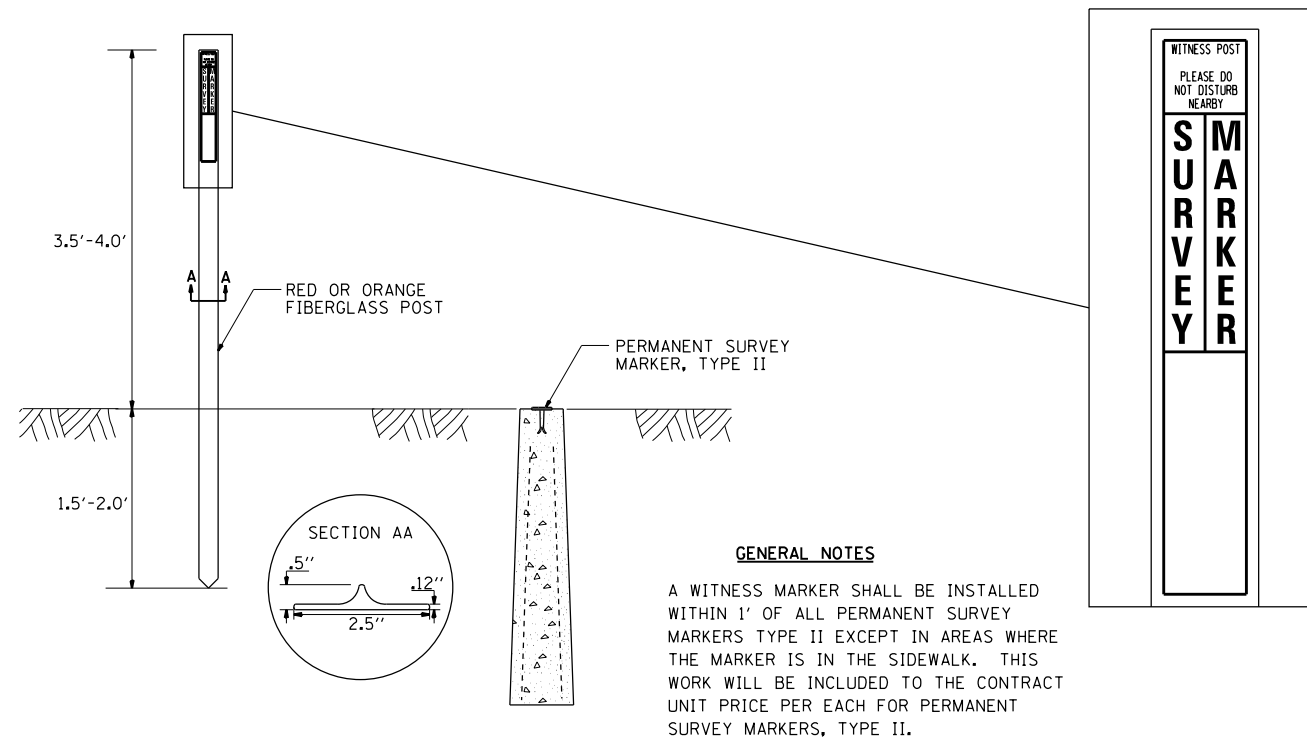
NOTES : THIS DETAIL TO BE USED IN CONJUNCTION WITH STATE STANDARD 424001. THE MAXIMUM ALLOWABLE CROSS SLOPE FOR SIDEWALK IS 2% (1/4"/FT). THE MAXIMUM ALLOWABLE SIDEWALK GRADE IS 8% (1/2"/FT). IF SPACE LIMITATIONS PROHIBIT THE USE OF THE 1:12 SLOPE, THEN SLOPES BETWEEN 1:10 ARE 1:12 ARE PERMITTED FOR A MAXIMUM RISE OF 6. SLOPES 1:8 AND 1:10 ARE ALLOWED FOR A MAXIMUM RISE OF 3. SLOPES STEEPER THAN 1:8 ARE NOT PERMITTED. THE DEPRESSED CURB IS NOT STANDARD. THE RISE IS 1/2 INSTEAD OF 1 1/2.

McDonough Associates Inc.
 Engineers / Architects
 130 East Randolph Street, Chicago, Illinois 60601

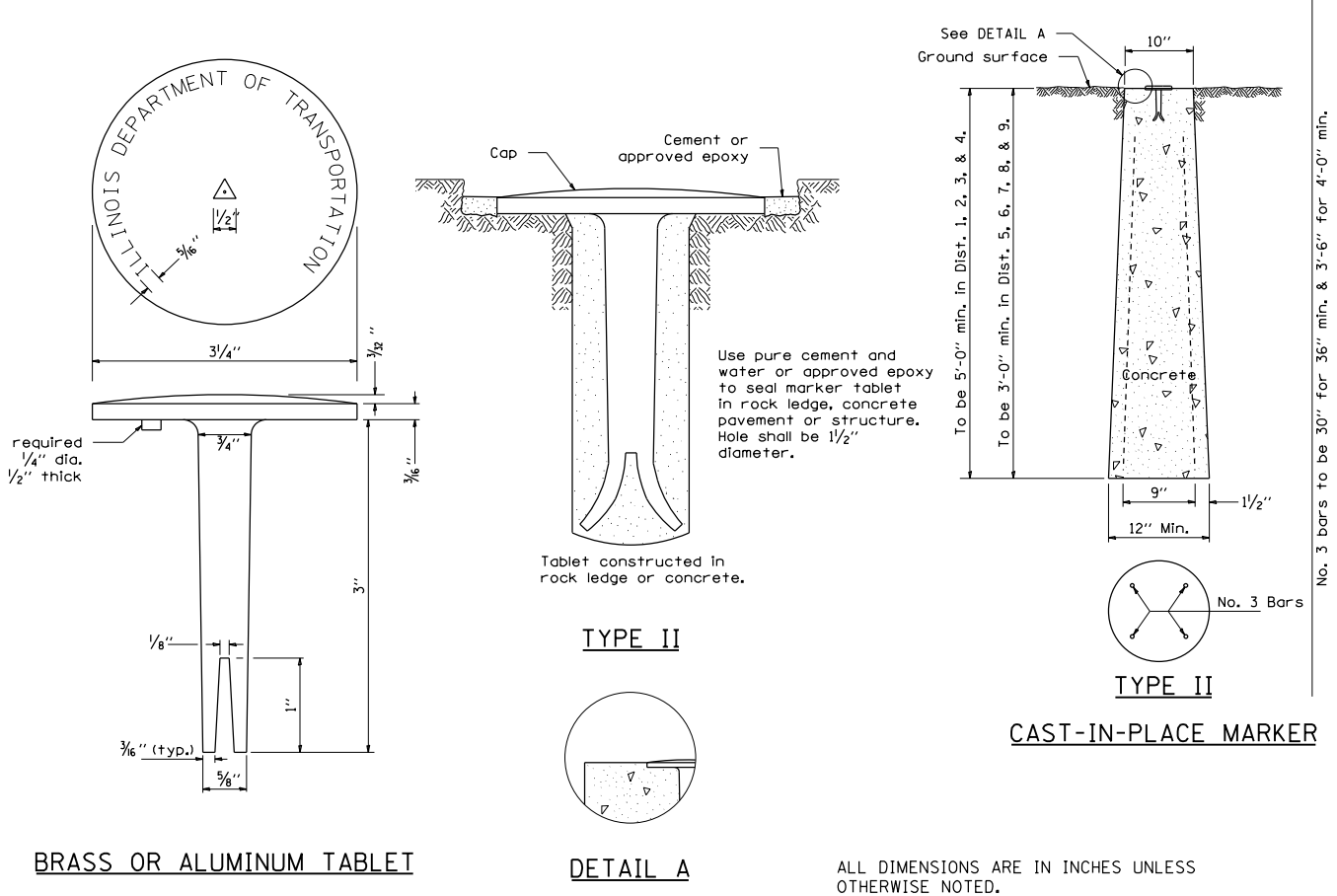
REVISED - 10-14-11

REVISED - 10-14-11	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE. 303	SECTION 41R	COUNTY WINNEBAGO	TOTAL SHEETS 327	SHEET NO. 322
REVISED -	SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____		CONTRACT NO. 64750		
REVISED -	FED. ROAD DIST. NO. 2 (ILLINOIS) FED. AID PROJECT						

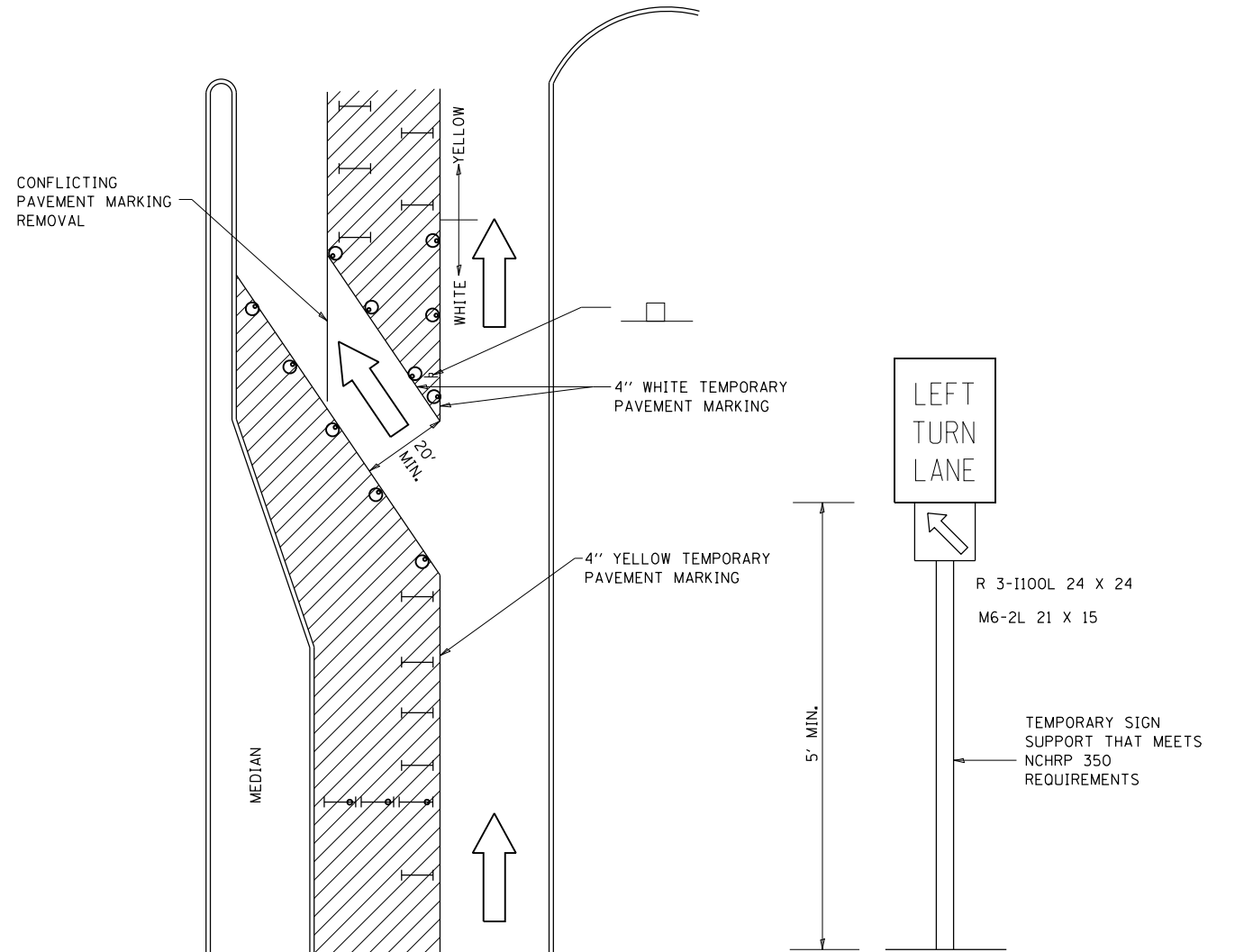
WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



PERMANENT SURVEY MARKERS, TYPE II



TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED.

THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street, Chicago, Illinois 60601

REVISED - 10-14-11

REVISED - 10-14-11
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REVISED -
REVISED -

REGION 2 / DISTRICT 2 STANDARD			
SCALE:	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	323
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED (DETAILS FOR CURB & GUTTER REPLACEMENT)

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS S1 CONCRETE SHALL BE USED THROUGHOUT. A HOLE 1-1/2 IN DIAMETER AND 9 DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 1-1/4 X 18 SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

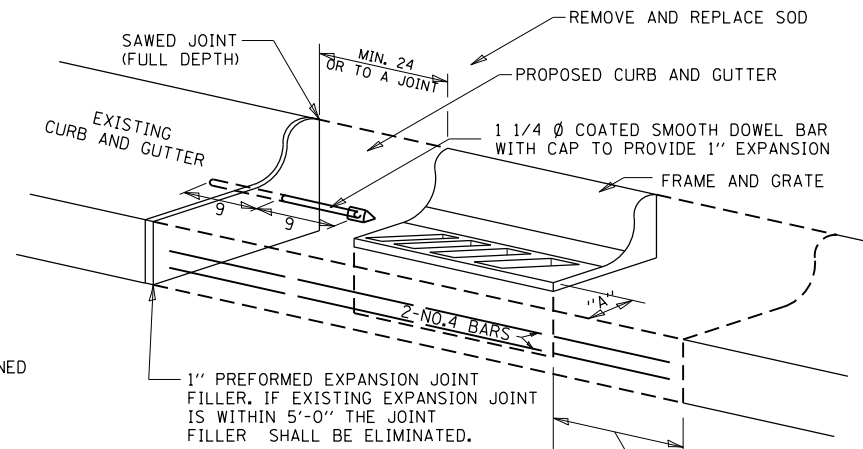
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS AND INCLUDES THE REMOVAL AND REPLACEMENT OF SOD, CONCRETE PAVEMENT AND/OR CURB AND GUTTER ADJACENT TO CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AND SHALL BE INCLUDED IN THE PAY ITEM OF CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AS SPECIFIED.

REVISED - 9-30-11



WHEN "A" IS GREATER THAN 2', 2-NO. 4 BARS SHALL BE PLACED AS SHOWN.

SAME REPAIR AS INDICATED ON OTHER SIDE OF FRAME AND GRATE.

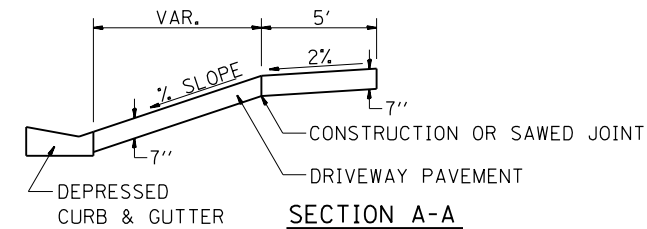
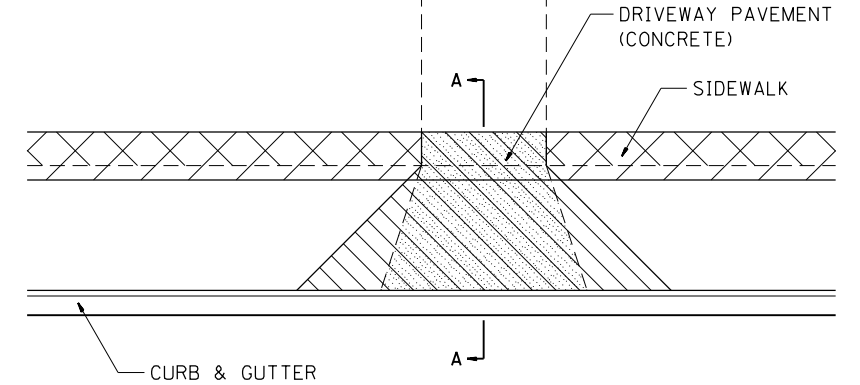
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED 17.4

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

PAY FOR AS

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PCC SIDEWALK 5
- PCC DRIVEWAY PAVEMENT 7



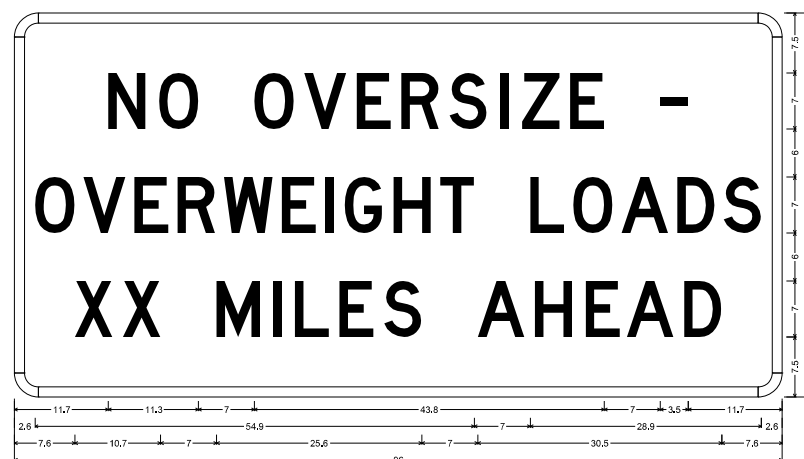
FOR DETAILS ON DIMENSIONS AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-3-11

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS 35.4

ROAD CLOSED TO OVERSIZED LOADS



Permit Loads - Loads Over 13 Feet: 3.0" Radius, 1.3" Border, Black on Orange:
[NO OVERSIZE -] D: [OVERWEIGHT LOADS] D 85% spacing: [XX MILES AHEAD] D:
Table of letter and object lifts.

N	O	V	E	R	S	I	Z	E	-					
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8				
O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.0	8.9	15.0	20.1	25.2	33.4	38.6	44.3	47.4	53.2	64.5	66.9	75.9	82.9	86.7
X	X	M	I	L	E	S	A	H	E	A	D			
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7			

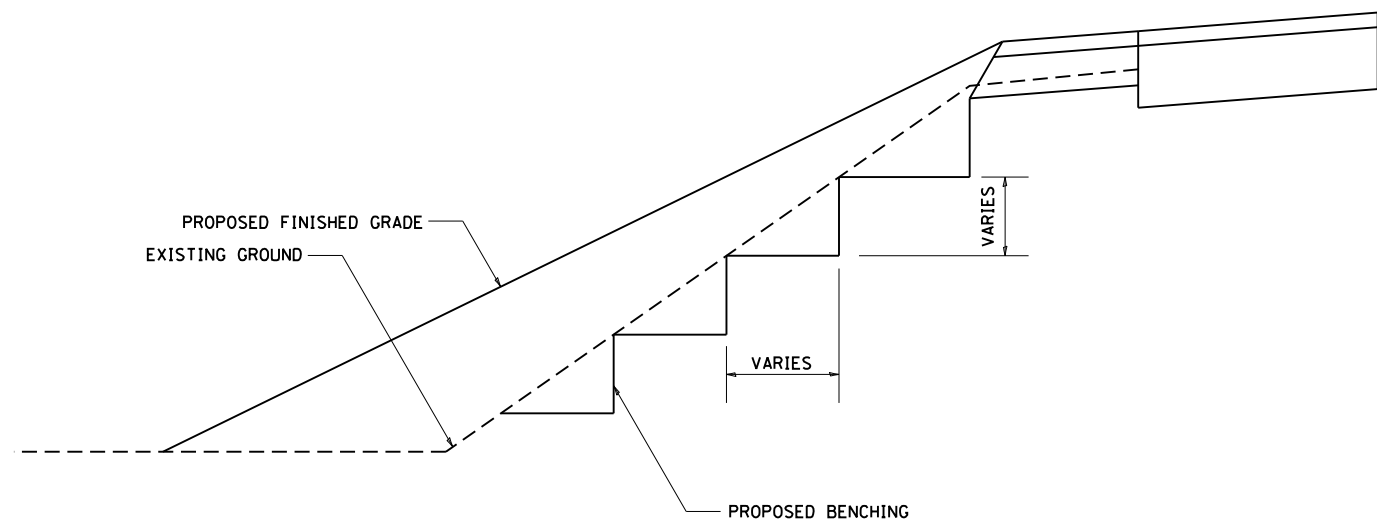
All work to furnish and install these signs shall be included in the cost of the Traffic Control Standards and shall not be paid for separately.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-11-09

ROAD CLOSED TO OVERSIZED LOADS 40.4

TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

REVISED -

REVISED -

REVISED -

REGION 2 / DISTRICT 2 STANDARD

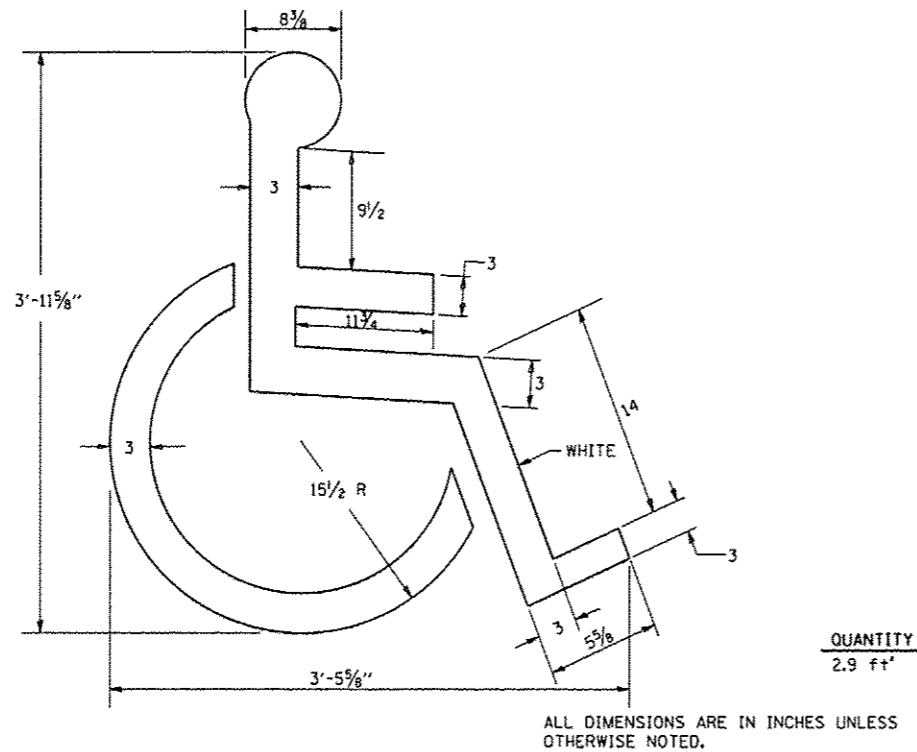
SCALE: 1/2" = 1'-0" SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	324
CONTRACT NO. 64750				

FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

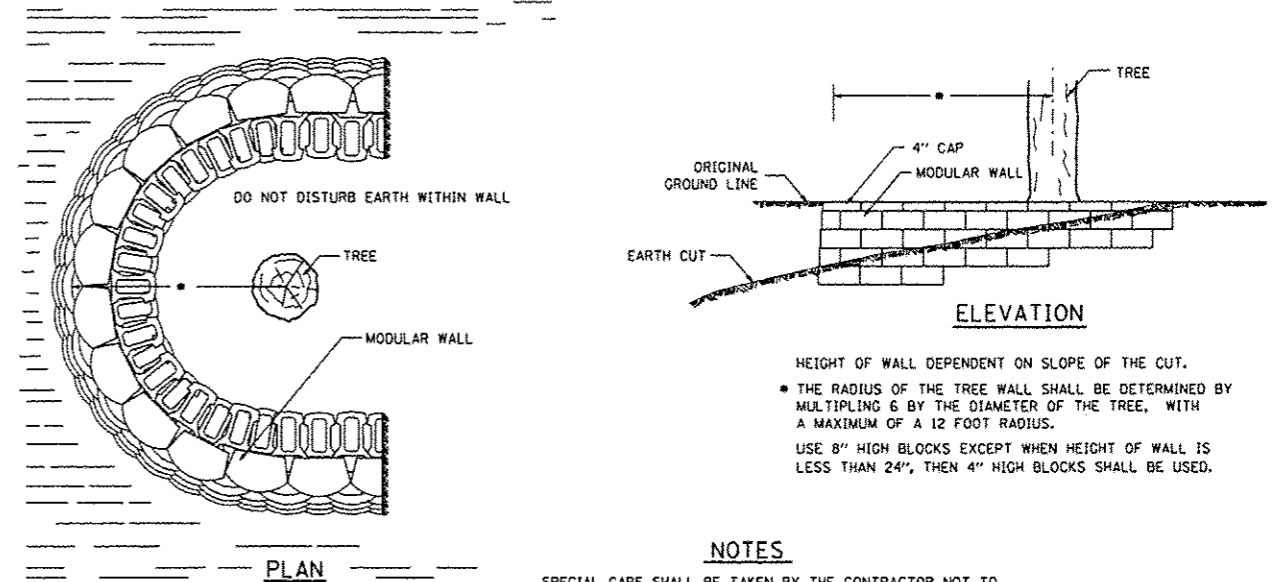
DISABLED SYMBOL



REVISED - 10-3-11

DISABLED SYMBOL 69.4

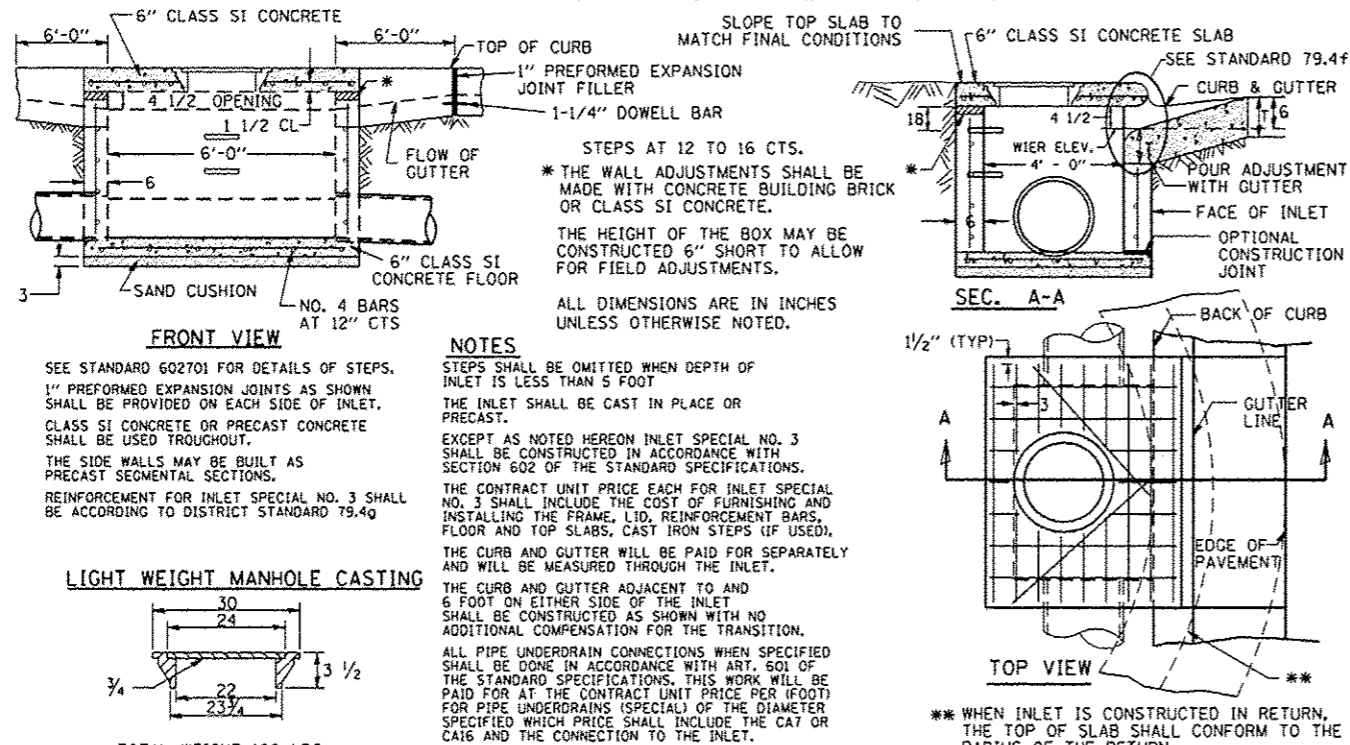
TREE WALL



REVISED - 10-3-11

TREE WALL 70.4

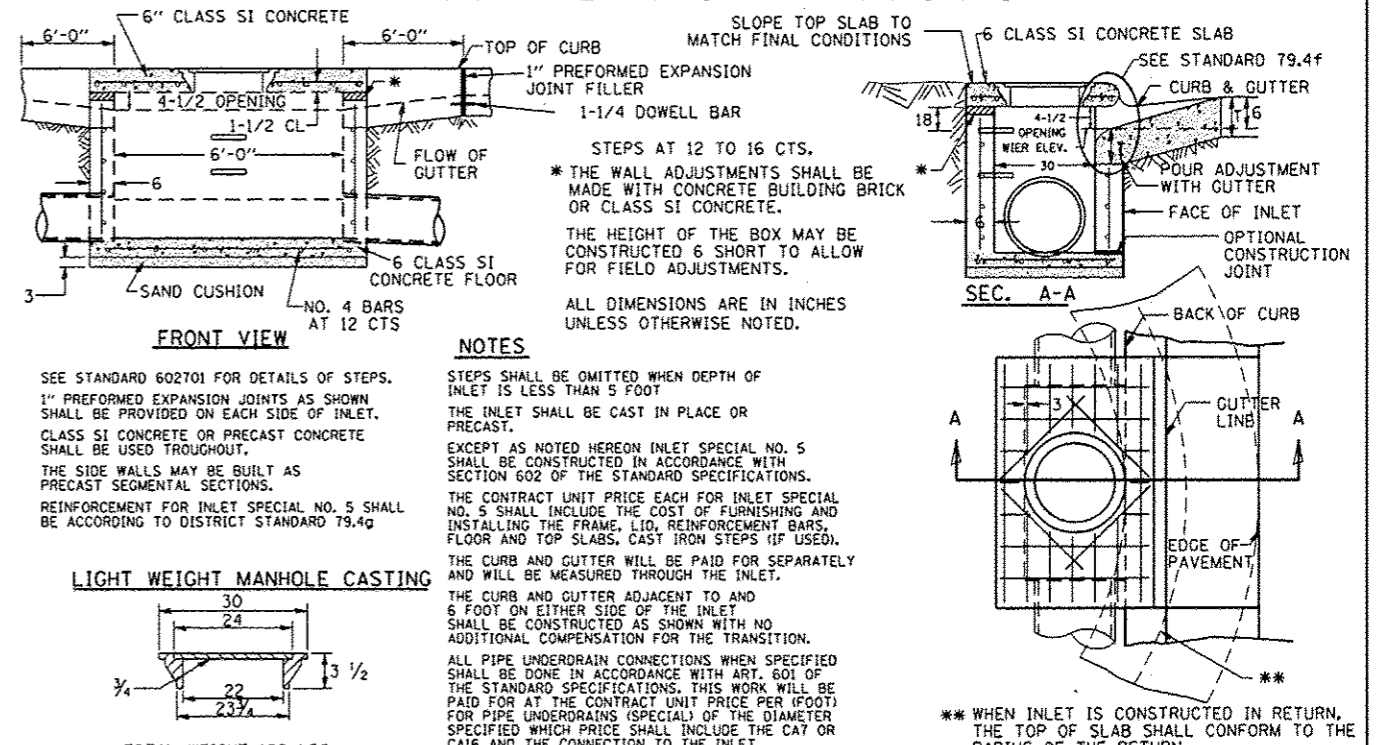
INLET SPECIAL NO. 3



REVISED - 10-3-11

INLET SPECIAL NO. 3 79.4

INLET SPECIAL NO. 5



TOTAL WEIGHT 160 LBS.

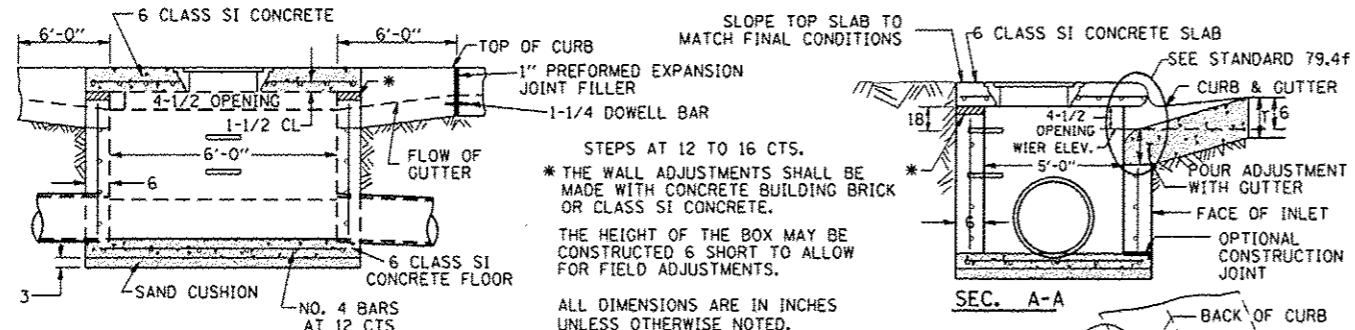
REVISED - 10-4-11

REGION 2 / DISTRICT 2 STANDARD

REVISED - 10-4-11	SCALE: 1/4" = 1'-0"	SHEET NO. 327	OF 325 SHEETS	STA. _____ TO STA. _____
REVISED - _____	FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			
REVISED - _____	CONTRACT NO. 64750			

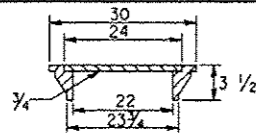
INLET SPECIAL NO. 5 79.4b

INLET SPECIAL NO. 7



SEE STANDARD 602701 FOR DETAILS OF STEPS. 1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL NO. 7 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4f.

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 160 LBS.
REVISED - 10-5-11

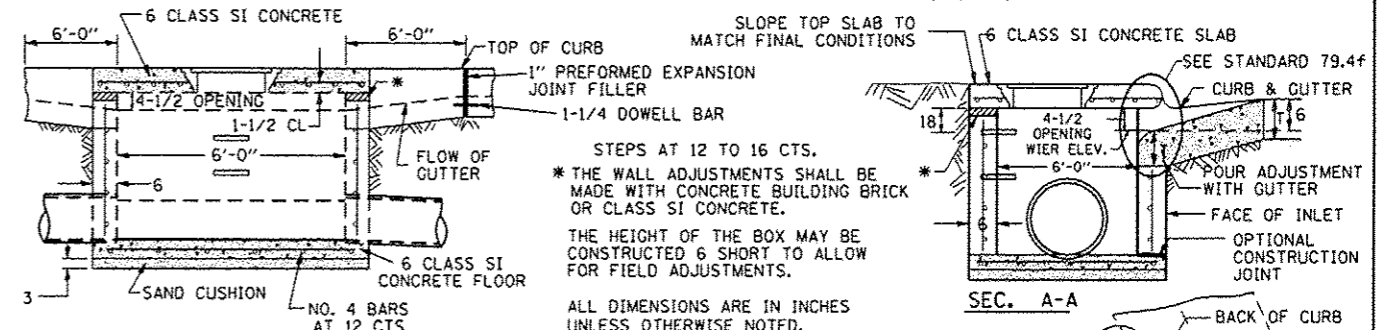
NOTES

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT. THE INLET SHALL BE CAST IN PLACE OR PRECAST. EXCEPT AS NOTED HEREON INLET SPECIAL NO. 7 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 7 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED). THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET. THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION. ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CAT OR CA16 AND THE CONNECTION TO THE INLET.

** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

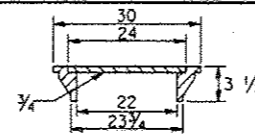
INLET SPECIAL NO. 7 79.4d

INLET SPECIAL NO. 8



SEE STANDARD 602701 FOR DETAILS OF STEPS. 1" PREFORMED EXPANSION JOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS. REINFORCEMENT FOR INLET SPECIAL NO. 8 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4h.

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 160 LBS.
REVISED - 10-5-11

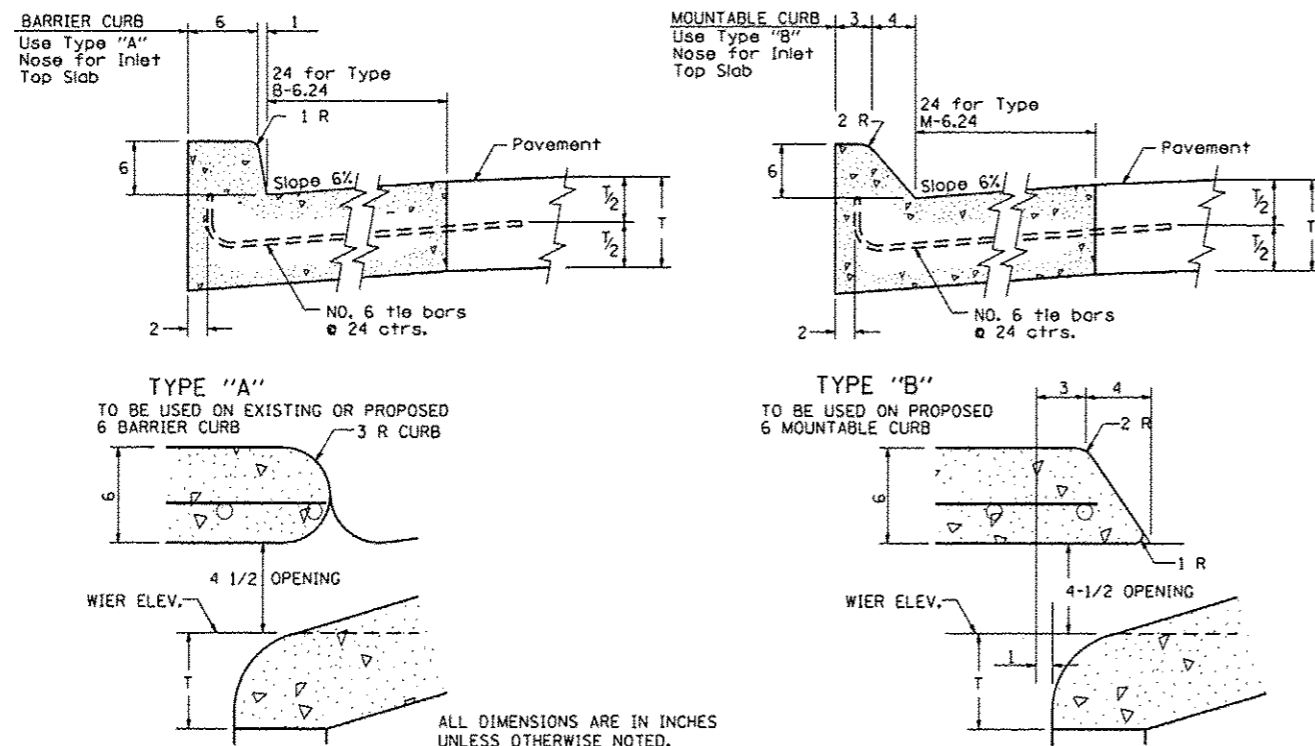
NOTES

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT. THE INLET SHALL BE CAST IN PLACE OR PRECAST. EXCEPT AS NOTED HEREON INLET SPECIAL NO. 8 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 8 SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED). THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET. THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION. ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CAT OR CA16 AND THE CONNECTION TO THE INLET.

** WHEN INLET IS CONSTRUCTED IN RETURN, THE TOP OF SLAB SHALL CONFORM TO THE RADIUS OF THE RETURN.

INLET SPECIAL NO. 8 79.4e

NOSE TYPE FOR INLET TOP SLAB

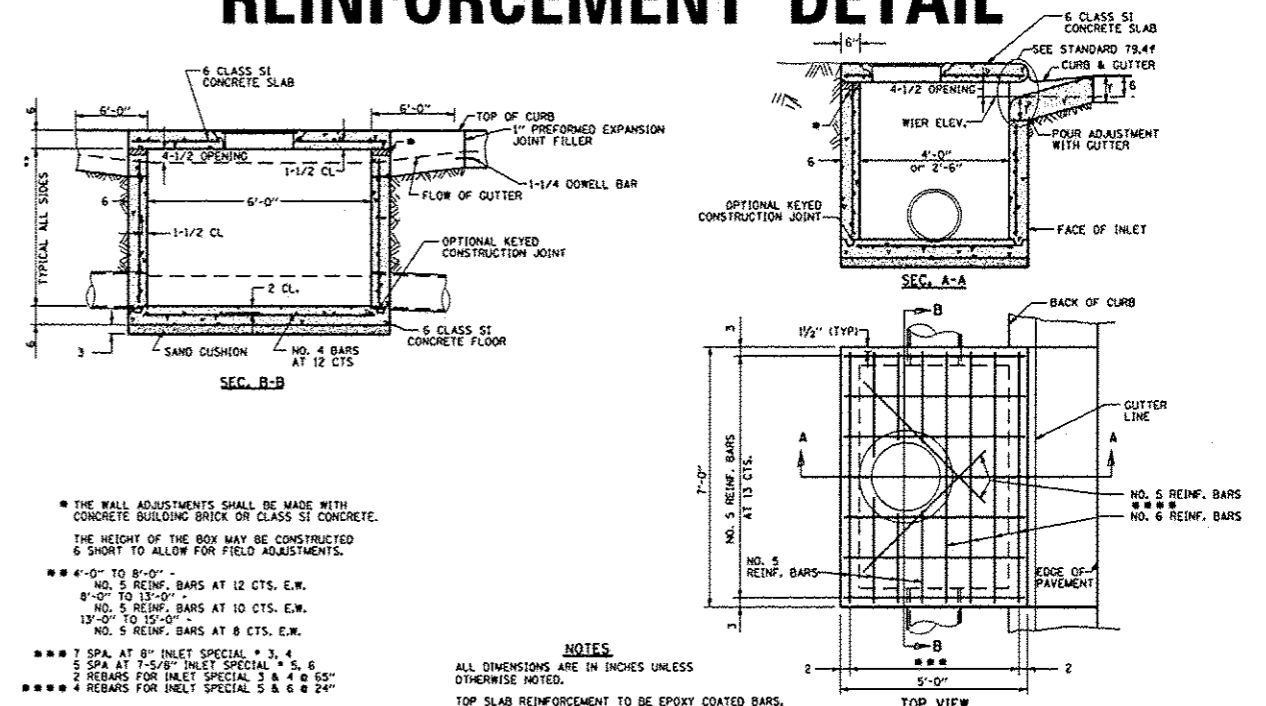


REVISED - 10-5-11

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

NOSE TYPE FOR INLET TOP SLAB 79.4f

INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL



THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE. THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6 SHORT TO ALLOW FOR FIELD ADJUSTMENTS.
 ** 4'-0" TO 8'-0" - NO. 5 REINF. BARS AT 12 CTS. E.W.
 8'-0" TO 13'-0" - NO. 5 REINF. BARS AT 10 CTS. E.W.
 13'-0" TO 15'-0" - NO. 5 REINF. BARS AT 8 CTS. E.W.
 *** 7 SPA. AT 8" INLET SPECIAL 3, 4
 5 SPA. AT 7-5/8" INLET SPECIAL 5, 6
 2 REBARS FOR INLET SPECIAL 3 & 4 @ 65"
 4 REBARS FOR INLET SPECIAL 5 & 6 @ 24"

NOTES

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED. TOP SLAB REINFORCEMENT TO BE EPOXY COATED BARS.

REVISED - 10-5-11
 REVISED -
 REVISED -
 REVISED -

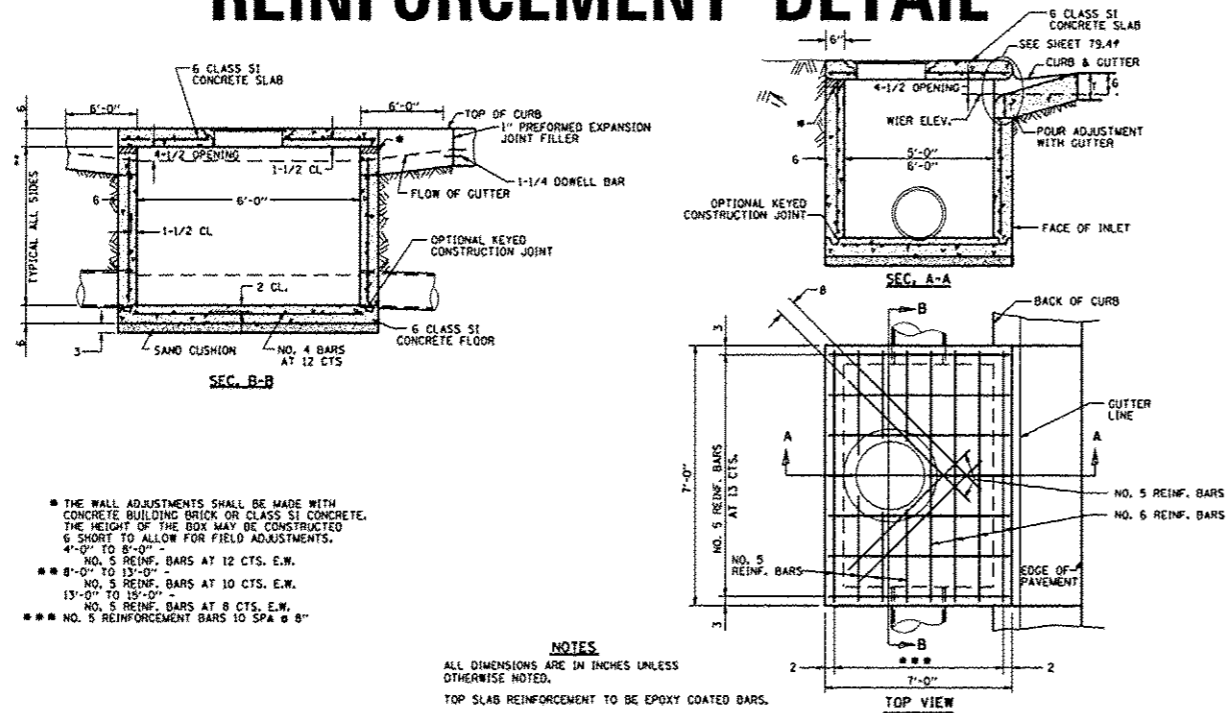
REGION 2 / DISTRICT 2 STANDARD

SCALE: 1/8" = 1'-0" SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	326
			CONTRACT NO. 64750	
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				

INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL 79.4g

INLET SPECIAL NO. 7 & 8 REINFORCEMENT DETAIL

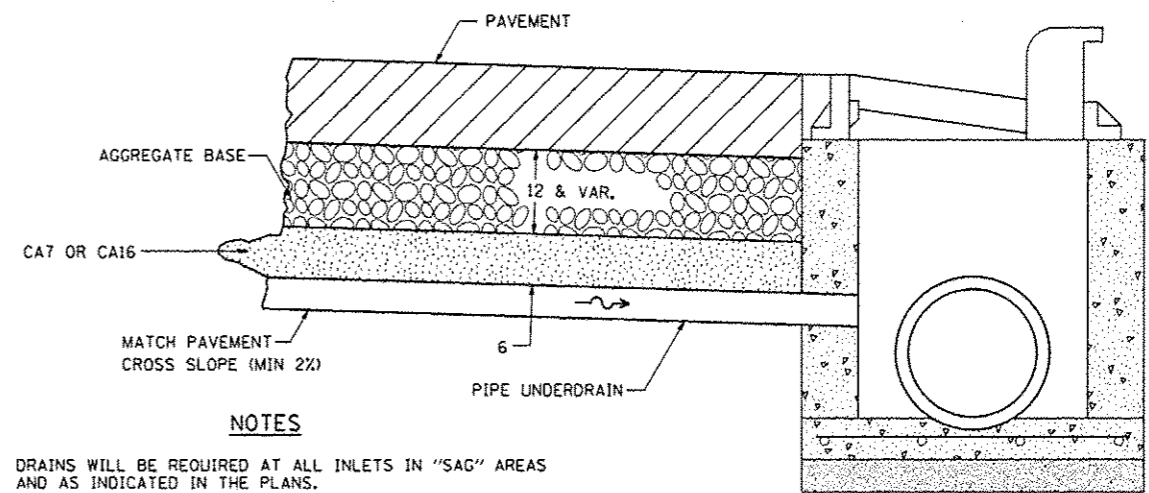


REVISED - 10-5-11

INLET SPECIAL NO. 7 & 8 REINFORCEMENT DETAIL

79.4h

DRAIN FOR AGGREGATE BASES IN URBAN AREAS

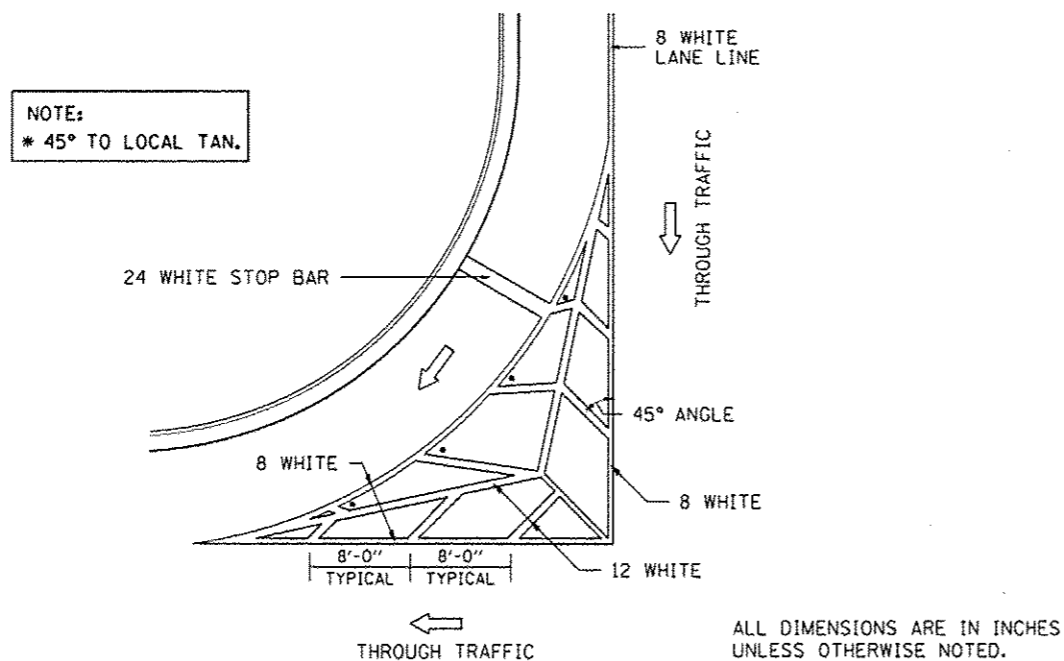


REVISED - 10-5-11

DRAIN FOR AGGREGATE BASES IN URBAN AREAS

88.4

TYPICAL MARKING FOR PAINTED ISLANDS



REVISED - 10-5-11

TYPICAL MARKING FOR PAINTED ISLANDS

93.4

REVISED -	REGION 2 / DISTRICT 2 STANDARD			
REVISED -	SCALE: 1/8" = 1'-0"	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	F.A.P. RTE. 303
REVISED -				SECTION 41R
REVISED -				COUNTY WINNEBAGO
			TOTAL SHEETS 327	SHEET NO. 327
			CONTRACT NO. 64750	
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				