

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	1
ILLINOIS			60X56	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 90 / F.A.I. ROUTE 190
AT CUMBERLAND AVENUE (CUMBERLAND FLYOVER)

SECTION 1517R-1(13)
PROJECT ACNHPP-0090(401)

TRAFFIC DATA

	ADT 2011 / 2040	SPEED DESIGNED / POSTED
I-90	213,380 / 245,000	60 / 55
I-190 EB	29,300 / 38,000	55 / 55
CUMBERLAND FLYOVER	/ 9,440	40 /
EB CD ROADWAY		35-50 / 35-45

RETAINING WALLS

RETAINING WALL 2 (FLYOVER RAMP)
NW78.70R,EB(R)
STA. 15+85.00 TO STA. 16+29.58, RIGHT | FLYOVER

RETAINING WALL 3 (FLYOVER RAMP)
NW78.80R,EB(R)
STA. 25+40.24 TO STA. 28+70.24, LEFT | FLYOVER

RETAINING WALL 4 (FLYOVER RAMP)
NW78.90R,EB(R)
STA. 25+40.24 TO STA. 30+80.24, RIGHT | FLYOVER

BRIDGE (NEW), NEW CONSTRUCTION, RECONSTRUCTION, RESURFACING
LIGHTING, RETAINING WALL, SIGN MAINTENANCE, SIGNING (NEW), WATER MAIN

COOK COUNTY

C-91-133-14



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

ONE SOUTH WACKER DRIVE
SUITE 900
CHICAGO, IL 60606
(312) 930-9119
ILLINOIS PROFESSIONAL DESIGN FIRM
REGISTRATION NO. 184.001306



FOR SIGNATURES, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

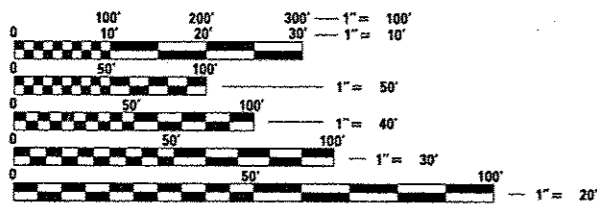
SUBMITTED April 4 2016
John Furman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Aug 12 2016
Matthew M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Aug 12 2016
Chris Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT LOCATED IN THE
CITY OF CHICAGO

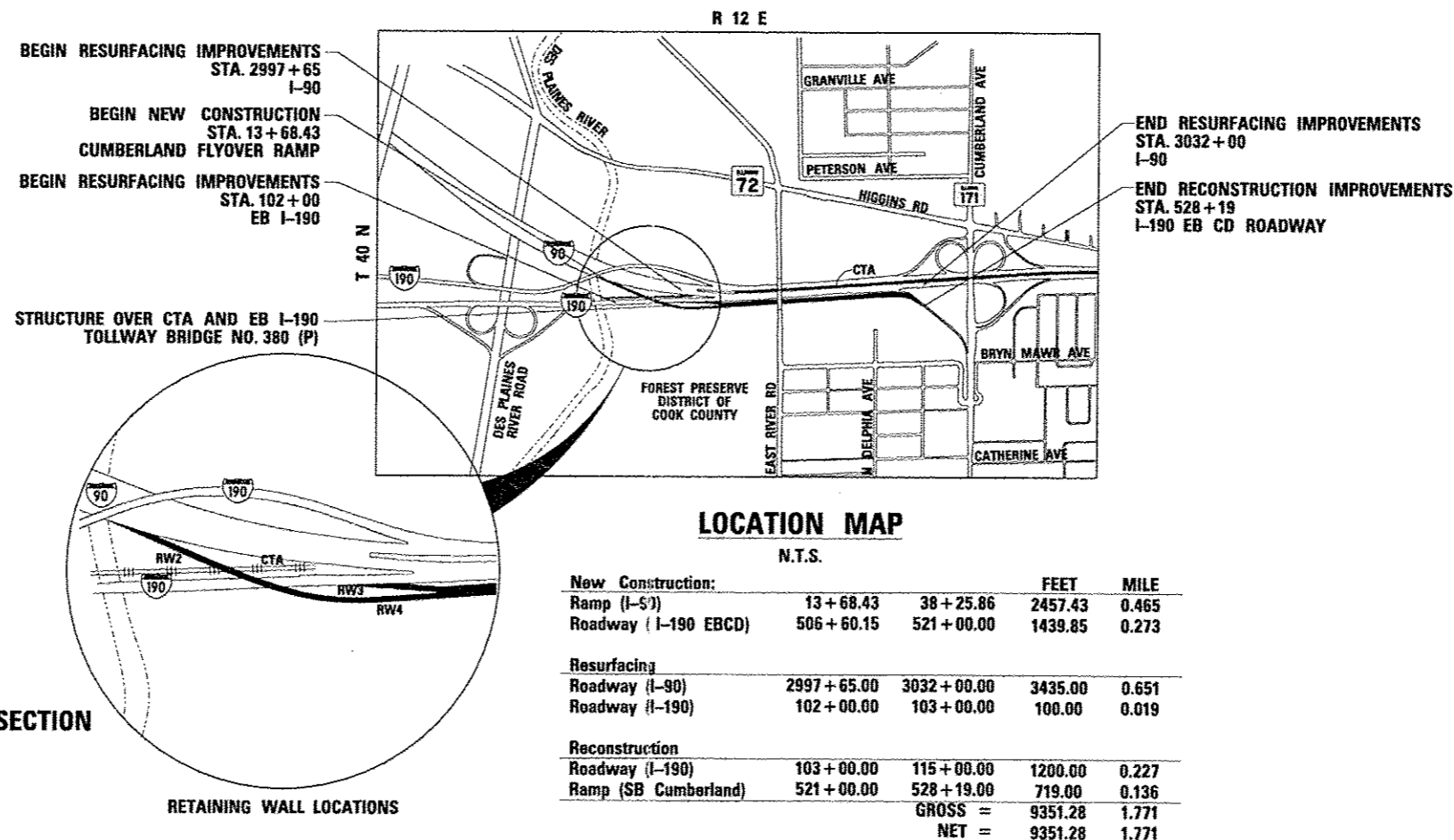


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 OR 811
DIGGER - CHICAGO UTILITY ALERT NETWORK
1-312-744-7000

DISTRICT 1 - DESIGN/CONSULTANT SERVICES SECTION
SERIN KELLER (847)705-4556

CONTRACT NO. 60X56



LOCATION MAP

N.T.S.

	FEET	MILE
New Construction:		
Ramp (I-53)	13 + 68.43 38 + 25.86	2457.43 0.465
Roadway (I-190 EB CD)	506 + 60.15 521 + 00.00	1439.85 0.273
Resurfacing		
Roadway (I-90)	2997 + 65.00 3032 + 00.00	3435.00 0.651
Roadway (I-190)	102 + 00.00 103 + 00.00	100.00 0.019
Reconstruction		
Roadway (I-190)	103 + 00.00 115 + 00.00	1200.00 0.227
Ramp (SB Cumberland)	521 + 00.00 528 + 19.00	719.00 0.136
	GROSS =	9351.28 1.771
	NET =	9351.28 1.771



HNTB CORPORATION
CIVIL
John Allen Lukowski 4/28/16
DATE
JOHN ALLEN LUKOWSKI
ILLINOIS REGISTRATION NO: 062-053522
EXP DATE: 11/30/2017
APPLY TO SHEETS: 1 - 68, 71 - 80, 104 - 135,
145 - 181, 212 - 215, 297 - 321, 451 - 498



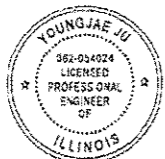
HNTB CORPORATION
STRUCTURAL
Johann F. Aakre 4/26/2016
DATE
JOHANN F. AAKRE
ILLINOIS REGISTRATION NO: 081-006828
EXP DATE: 11/30/2016
APPLY TO SHEETS: 69-70, 322 - 384



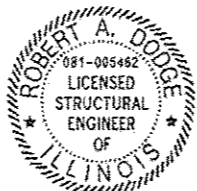
HNTB CORPORATION
ELECTRICAL
Matthew C. Durning 4/26/2016
DATE
MATTHEW C. DURNING
ILLINOIS REGISTRATION NO: 062-055699
EXP DATE: 11/30/2017
APPLY TO SHEETS: 216 - 247



DELTA ENGINEERING GROUP, LLC
STRUCTURAL
Syed Shuja Kazi 4/26/16
DATE
SYED SHUJA KAZI
ILLINOIS REGISTRATION NO: 081-007213
EXP DATE: 11/30/2016
APPLY TO SHEETS: 385 - 415



HNTB CORPORATION
ITS
Youngjae Ju 4-27-16
DATE
YOUNGJAE JU
ILLINOIS REGISTRATION NO: 062-054024
EXP DATE: 11/30/2017
APPLY TO SHEETS: 248 - 296



GLOBETROTTERS ENGINEERING CORPORATION
STRUCTURAL (OVERHEAD SIGNS)
Robert A. Dodge 4/25/16
DATE
ROBERT A. DODGE
ILLINOIS REGISTRATION NO: 081-005462
EXP DATE: 11/30/2016
APPLY TO SHEETS: 182 - 200



exp U.S. SERVICES INC.
CIVIL
Parviz Boroumand 4/27/16
DATE
PARVIZ BOROUMAND
ILLINOIS REGISTRATION NO: 062-046387
EXP DATE: 11/30/2017
APPLY TO SHEETS: 81 - 103

HNTB CORPORATION
ONE SOUTH WACKER DRIVE, SUITE 900
CHICAGO, IL 60606
(312) 930-9119

exp U.S. SERVICES INC.
205 N. MICHIGAN AVE, SUITE 3600
CHICAGO, IL 60601
(312) 616-0000

DELTA ENGINEERING GROUP, LLC.
111 W. JACKSON BOULEVARD, SUITE 910
CHICAGO, IL 60604
(312) 291-6549

GLOBETROTTERS ENGINEERING CORPORATION
300 S. WACKER DR., SUITE 400
CHICAGO, IL 60606
(312) 922-6400



DESIGNED - <i>MMK</i>	REVISED -
DRAWN - <i>MMK</i>	REVISED -
CHECKED - <i>LLS</i>	REVISED -
DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: N.T.S.	SHEET 1	OF 1	SHEETS STA.	TO STA.	F.A.L. No. 190	SECTION (S17R-1413)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 2	CONTRACT NO. 60X56
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** INCLUDES 431A - 431C.

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601001 - 05	PIPE UNDERDRAINS
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602001 - 02	CATCH BASIN TYPE A
602301 - 04	INLET- TYPE A
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E6-02	CONTRACTOR ACCESS TO WORK AREA
F4-07	OVERHEAD SIGN STRUCTURE CANTILEVER TYPE STRUCTURE DETAILS
H1-05	LIGHT STANDARD FOUNDATION
H2-04	LIGHT STANDARD DETAILS
H3-03	BRIDGE CONDUIT DETAILS



DESIGNED - <i>MMK</i>	REVISED -
DRAWN - <i>MMK</i>	REVISED -
CHECKED - <i>LJS</i>	REVISED -
DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND HIGHWAY STANDARDS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 3
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

1. SEVENTY-TWO (72) HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL JULIE AT 1-800-892-0123 AND DIGGER (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 TO HAVE THE LOCATION OF EXISTING UNDERGROUND UTILITIES MARKED IN THE FIELD.
2. A MINIMUM OF SEVENTY-TWO HOURS PRIOR TO ANY PLACEMENT OR RELOCATION OF MAINTENANCE OF TRAFFIC DEVICES, CONTACT ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) DISTRICT 1 BUREAU OF TRAFFIC.
3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO PERFORM WORK.
4. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND THE SUE SURVEYS. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN IN THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL BE AT THE CONTRACTORS EXPENSE.
6. THE CONTRACTOR SHALL COORDINATE WORK WITH UTILITIES IN ADVANCE OF WORKING IN THE VICINITY OF THEIR FACILITIES, AND ALLOW SUFFICIENT TIME FOR THEM TO PERFORM ADJUSTMENTS TO THEIR FACILITIES IN ACCORDANCE WITH THE CONTRACTOR'S SCHEDULE. COORDINATION EFFORTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT BID PRICE.
7. THE CONTRACTOR MUST CALL THE IDOT ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT FACILITY CABLES.
8. ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE DONE TO SAID SERVICES NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
10. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
11. ALL ELEVATIONS REFER TO USGS MEAN SEA LEVEL DATUM.
12. THE PAVEMENT ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.
13. 10 FT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
14. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
15. THE COST OF FULL OR PARTIAL DEPTH SAW CUTS REQUIRED FOR REMOVAL ITEMS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ITEM.
16. THE ACTUAL NEED FOR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) SHALL BE DETERMINED IN THE FIELD FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/ OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/ OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

GENERAL NOTES (CONTINUED)

17. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
18. THE CITY OF CHICAGO IS TO MAKE ADJUSTMENTS TO THEIR STREET LIGHTING AND/OR TRAFFIC FACILITIES. THE CONTRACTOR SHALL COORDINATE HIS WORK AND COOPERATE WITH THE CITY OF CHICAGO IN THESE ADJUSTMENTS. THIS COORDINATION AND COOPERATION BY THE CONTRACTOR WILL NOT BE AID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COSTS OF THE CONTRACT.
19. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, AIR TRAFFIC AND ADJOINING COMMERCIAL AREAS.
20. BARRICADES: TYPE I, TYPE II, AND TYPE III BARRICADES SHALL BE WEIGHTED IN A MANNER APPROVED BY THE MANUFACTURER SO THEY ARE NOT MOVED BY TRAFFIC.
21. TEMPORARY PAVEMENT MARKING SHALL CONSIST OF EPOXY OR POLYUREA PAVEMENT MARKING, AT THE OPTION OF THE CONTRACTOR. EPOXY OR POLYUREA PAVEMENT MARKING MATERIALS SHALL BE ACCORDING TO ARTICLES 1095.04 AND 1095.08 RESPECTIVELY OF THE STANDARD SPECIFICATIONS.
22. WET REFLECTIVE TEMPORARY TAPE TYPE III SHALL BE USED ON THE FINAL WEARING SURFACE. TEMPORARY PAVEMENT MARKING CONSISTING OF EPOXY OR POLYUREA PAVEMENT MARKING SHALL NOT BE APPLIED TO THE FINAL WEARING SURFACE UNLESS AUTHORIZED BY THE ENGINEER FOR THE LATE SEASON APPLICATION WHERE TAPE ADHESION WOULD BE A PROBLEM.
23. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) and USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
24. TO CONSERVE THE INDIANA AND NORTHERN LONG-EARED BAT SPECIES, TREES WILL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30.

DRAINAGE GENERAL NOTES

1. SEE DRAINAGE DETAIL SHEETS FOR DRAINAGE STRUCTURE OFFSET AND RIM ELEVATION LOCATION.
2. THE COST OF MAKING SEWER AND UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES AND BREAKING NEW HOLES INTO EXISTING OR PROPOSED DRAINAGE STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST FOR DRAINAGE WORK.
3. PROPOSED RIM AND INVERT ELEVATIONS ARE BASED ON EXISTING THEORETICAL GRADES. ACTUAL FINAL GRADES ARE SUBJECT TO NOMINAL VARIATIONS. ADJUSTMENT OF PROPOSED CASTINGS TO FINAL GRADES IS INCLUDED IN THE COST OF THE RELATED DRAINAGE STRUCTURE. ADJUSTMENT OF PROPOSED PIPE INVERTS TO FINAL GRADES IS INCLUDED IN THE COST OF THE RELATED DRAINAGE PIPE.
4. SUFFICIENT DRAINAGE FACILITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO FACILITATE SURFACE RUNOFF. WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTER, OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLAN HIS OPERATIONS, WITH THE APPROVAL OF THE ENGINEER IN THE FIELD, SO AS TO UTILIZE THE FACILITIES PROVIDED TO PREVENT LOCAL FLOODING AND ENSURE PROPER SURFACE RUNOFF. ANY MINOR DITCH GRADING AND ANY BULKHEADING AS DIRECTED BY THE ENGINEER, NECESSARY TO PROVIDE FOR THE INTERIM DRAINAGE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
5. ALL STORM SEWERS, PIPE CULVERTS, CATCH BASINS, MANHOLES, INLETS AND SIMILAR STRUCTURES NEWLY CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS, OR FOREIGN MATTER OF ANY KIND AND SHALL BE FREE FROM SUCH ACCUMULATIONS AT THE TIME OF FINAL INSPECTION. THE COST OF ANY CLEANING REQUIRED TO COMPLY WITH THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE WORK.
6. THE CONTRACTOR SHALL VERIFY EXISTING OUTLET STRUCTURE LOCATION AND INVERTS PRIOR TO STARTING UPSTREAM STORM SEWER CONNECTION AND CONSTRUCTION.
7. ALL PIPE UNDERDRAINS SHALL BE PLACED AT A DEPTH OF 30" BELOW THE TOP OF PROPOSED PAVEMENT OR AS DEEP AS POSSIBLE AND IN ACCORDANCE WITH CHECK PROVISIONS. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS ITEM.

FILE NAME: \\p01\hntb\proj\1517R-1\1517R-1.dwg; PLOT DATE: 05/06/2016; PLOT SCALE: 1/8" = 1'-0"; USER: mkrby; PROJECT: 1517R-1(13); COUNTY: COOK; SHEET: 4 OF 4



USER NAME - mkrby	DESIGNED - MMK	REVISED -
PLOT SCALE - 1/8" = 1'-0"	DRAWN - MMK	REVISED -
PLOT DATE - 05/06/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	880	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN							
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	843	843															
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	224	224															
20101000	TEMPORARY FENCE	FOOT	545	545															
20200100	EARTH EXCAVATION	CU YD	13,145	13,145															
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5,360	5,360															
20400800	FURNISHED EXCAVATION	CU YD	2,685	2,685															
20800150	TRENCH BACKFILL	CU YD	20,784	20,726	58														
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	28,541	28,541															
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	17,124	17,124															
25000210	SEEDING, CLASS 2A	ACRE	7.8	7.8															
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	699	699															
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	699	699															
25100115	MULCH, METHOD 2	ACRE	2.0	2.0															
25100630	EROSION CONTROL BLANKET	SO YD	34,399	34,399															

• SPECIALITY ITEM

- A ROADWAY AND DRAINAGE (IDOT)
- B ROADWAY AND DRAINAGE (TOLLWAY)
- C BRIDGE NO. 380 (TOLLWAY)
- D RETAINING WALL 2 (TOLLWAY)
- E RETAINING WALL 3 (TOLLWAY)
- F RETAINING WALL 4 (TOLLWAY)
- G LIGHTING AND ITS (IDOT)
- H LIGHTING (TOLLWAY)
- I WATER MAIN (IDOT)

8/2/2016 8:23:21 AM



USER NAME = mko31r	DESIGNED -	REVISED -
DRAWN - MMK	CHECKED - LLS	DATE - 05/06/2016
PLLOT SCALE = 1/8" = 1'		
PLLOT DATE = 6/3/2016		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 6
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

S00-01

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN							
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	711	711															
28000305	TEMPORARY DITCH CHECKS	FOOT	168	168															
28000400	PERIMETER EROSION BARRIER	FOOT	5,326	5,326															
28000510	INLET FILTERS	EACH	124	124															
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	34,399	34,399															
28100101	STONE RIPRAP, CLASS A1	SQ YD	7	4	3														
28200200	FILTER FABRIC	SQ YD	7	4	3														
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	7,598	7,598															
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	28,541	28,541															
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,154	2,154															
35501314	HOT-MIX ASPHALT BASE COURSE, 7 1/2"	SQ YD	15,495	15,495															
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	48,387	47,213	1,174														
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	65	65															
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	591	591															

• SPECIALITY ITEM

- A ROADWAY AND DRAINAGE (IDOT)
- B ROADWAY AND DRAINAGE (TOLLWAY)
- C BRIDGE NO. 380 (TOLLWAY)
- D RETAINING WALL 2 (TOLLWAY)
- E RETAINING WALL 3 (TOLLWAY)
- F RETAINING WALL 4 (TOLLWAY)
- G LIGHTING (IDOT)
- H LIGHTING (TOLLWAY)
- I WATER MAIN (IDOT)

HNTB	USER NAME = mhospir	DESIGNED -	REVISED -
	PLOT SCALE = 1/8" = 1'	DRAWN - MMK	REVISED -
	PLOT DATE = 6/3/2016	CHECKED - LLS	REVISED -
		DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 2	OF 26 SHEETS	STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

S00-02

FILE NAME: I:\GIS\2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2808-2809-2810-2811-2812-2813-2814-2815-2816-2817-2818-2819-2820-2821-2822-2823-2824-2825-2826-2827-2828-2829-2830-2831-2832-2833-2834-2835-2836-2837-2838-2839-2840-2841-2842-2843-2844-2845-2846-2847-2848-2849-2850-2851-2852-2853-2854-2855-2856-2857-2858-2859-2860-2861-2862-2863-2864-2865-2866-2867-2868-2869-2870-2871-2872-2873-2874-2875-2876-2877-2878-2879-2880-2881-2882-2883-2884-2885-2886-2887-2888-2889-2890-2891-2892-2893-2894-2895-2896-2897-2898-2899-2900-2901-2902-2903-2904-2905-2906-2907-2908-2909-2910-2911-2912-2913-2914-2915-2916-2917-2918-2919-2920-2921-2922-2923-2924-2925-2926-2927-2928-2929-2930-2931-2932-2933-2934-2935-2936-2937-2938-2939-2940-2941-2942-2943-2944-2945-2946-2947-2948-2949-2950-2951-2952-2953-2954-2955-2956-2957-2958-2959-2960-2961-2962-2963-2964-2965-2966-2967-2968-2969-2970-2971-2972-2973-2974-2975-2976-2977-2978-2979-2980-2981-2982-2983-2984-2985-2986-2987-2988-2989-2990-2991-2992-2993-2994-2995-2996-2997-2998-2999-3000-3001-3002-3003-3004-3005-3006-3007-3008-3009-3010-3011-3012-3013-3014-3015-3016-3017-3018-3019-3020-3021-3022-3023-3024-3025-3026-3027-3028-3029-3030-3031-3032-3033-3034-3035-3036-3037-3038-3039-3040-3041-3042-3043-3044-3045-3046-3047-3048-3049-3050-3051-3052-3053-3054-3055-3056-3057-3058-3059-3060-3061-3062-3063-3064-3065-3066-3067-3068-3069-3070-3071-3072-3073-3074-3075-3076-3077-3078-3079-3080-3081-3082-3083-3084-3085-3086-3087-3088-3089-3090-3091-3092-3093-3094-3095-3096-3097-3098-3099-3100-3101-3102-3103-3104-3105-3106-3107-3108-3109-3110-3111-3112-3113-3114-3115-3116-3117-3118-3119-3120-3121-3122-3123-3124-3125-3126-3127-3128-3129-3130-3131-3132-3133-3134-3135-3136-3137-3138-3139-3140-3141-3142-3143-3144-3145-3146-3147-3148-3149-3150-3151-3152-3153-3154-3155-3156-3157-3158-3159-3160-3161-3162-3163-3164-3165-3166-3167-3168-3169-3170-3171-3172-3173-3174-3175-3176-3177-3178-3179-3180-3181-3182-3183-3184-3185-3186-3187-3188-3189-3190-3191-3192-3193-3194-3195-3196-3197-3198-3199-3200-3201-3202-3203-3204-3205-3206-3207-3208-3209-3210-3211-3212-3213-3214-3215-3216-3217-3218-3219-3220-3221-3222-3223-3224-3225-3226-3227-3228-3229-3230-3231-3232-3233-3234-3235-3236-3237-3238-3239-3240-3241-3242-3243-3244-3245-3246-3247-3248-3249-3250-3251-3252-3253-3254-3255-3256-3257-3258-3259-3260-3261-3262-3263-3264-3265-3266-3267-3268-3269-3270-3271-3272-3273-3274-3275-3276-3277-3278-3279-3280-3281-3282-3283-3284-3285-3286-3287-3288-3289-3290-3291-3292-3293-3294-3295-3296-3297-3298-3299-3300-3301-3302-3303-3304-3305-3306-3307-3308-3309-3310-3311-3312-3313-3314-3315-3316-3317-3318-3319-3320-3321-3322-3323-3324-3325-3326-3327-3328-3329-3330-3331-3332-3333-3334-3335-3336-3337-3338-3339-3340-3341-3342-3343-3344-3345-3346-3347-3348-3349-3350-3351-3352-3353-3354-3355-3356-3357-3358-3359-3360-3361-3362-3363-3364-3365-3366-3367-3368-3369-3370-3371-3372-3373-3374-3375-3376-3377-3378-3379-3380-3381-3382-3383-3384-3385-3386-3387-3388-3389-3390-3391-3392-3393-3394-3395-3396-3397-3398-3399-3400-3401-3402-3403-3404-3405-3406-3407-3408-3409-3410-3411-3412-3413-3414-3415-3416-3417-3418-3419-3420-3421-3422-3423-3424-3425-3426-3427-3428-3429-3430-3431-3432-3433-3434-3435-3436-3437-3438-3439-3440-3441-3442-3443-3444-3445-3446-3447-3448-3449-3450-3451-3452-3453-3454-3455-3456-3457-3458-3459-3460-3461-3462-3463-3464-3465-3466-3467-3468-3469-3470-3471-3472-3473-3474-3475-3476-3477-3478-3479-3480-3481-3482-3483-3484-3485-3486-3487-3488-3489-3490-3491-3492-3493-3494-3495-3496-3497-3498-3499-3500-3501-3502-3503-3504-3505-3506-3507-3508-3509-3510-3511-3512-3513-3514-3515-3516-3517-3518-3519-3520-3521-3522-3523-3524-3525-3526-3527-3528-3529-3530-3531-3532-3533-3534-3535-3536-3537-3538-3539-3540-3541-3542-3543-3544-3545-3546-3547-3548-3549-3550-3551-3552-3553-3554-3555-3556-3557-3558-3559-3560-3561-3562-3563-3564-3565-3566-3567-3568-3569-3570-3571-3572-3573-3574-3575-3576-3577-3578-3579-3580-3581-3582-3583-3584-3585-3586-3587-3588-3589-3590-3591-3592-3593-3594-3595-3596-3597-3598-3599-3600-3601-3602-3603-3604-3605-3606-3607-3608-3609-3610-3611-3612-3613-3614-3615-3616-3617-3618-3619-3620-3621-3622-3623-3624-3625-3626-3627-3628-3629-3630-3631-3632-3633-3634-3635-3636-3637-3638-3639-3640-3641-3642-3643-3644-3645-3646-3647-3648-3649-3650-3651-3652-3653-3654-3655-3656-3657-3658-3659-3660-3661-3662-3663-3664-3665-3666-3667-3668-3669-3670-3671-3672-3673-3674-3675-3676-3677-3678-3679-3680-3681-3682-3683-3684-3685-3686-3687-3688-3689-3690-3691-3692-3693-3694-3695-3696-3697-3698-3699-3700-3701-3702-3703-3704-3705-3706-3707-3708-3709-3710-3711-3712-3713-3714-3715-3716-3717-3718-3719-3720-3721-3722-3723-3724-3725-3726-3727-3728-3729-3730-3731-3732-3733-3734-3735-3736-3737-3738-3739-3740-3741-3742-3743-3744-3745-3746-3747-3748-3749-3750-3751-3752-3753-3754-3755-3756-3757-3758-3759-3760-3761-3762-3763-3764-3765-3766-3767-3768-3769-3770-3771-3772-3773-3774-3775-3776-3777-3778-3779-3780-3781-3782-3783-3784-3785-3786-3787-3788-3789-3790-3791-3792-3793-3794-3795-3796-3797-3798-3799-3800-3801-3802-3803-3804-3805-3806-3807-3808-3809-3810-3811-3812-3813-3814-3815-3816-3817-3818-3819-3820-3821-3822-3823-3824-3825-3826-3

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN							
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	800	800															
42001300	PROTECTIVE COAT	SQ YD	2,609	2,609															
44000100	PAVEMENT REMOVAL	SQ YD	8,312	8,269	43														
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	25,320	25,320															
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	310	310															
44001980	CONCRETE BARRIER REMOVAL	FOOT	392	392															
44004250	PAVED SHOULDER REMOVAL	SQ YD	10,298	10,184	114														
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2,843	2,843															
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	1,943	1,943															
48203043	HOT-MIX ASPHALT SHOULDERS, 11 1/2"	SQ YD	7,486	7,486															
48203052	HOT-MIX ASPHALT SHOULDERS, 13 3/4"	SQ YD	3,576	3,576															
50157300	PROTECTIVE SHIELD	SQ YD	2,228			2,228													
50200100	STRUCTURE EXCAVATION	CU YD	3,539			1,027	194	573	1,745										
50300225	CONCRETE STRUCTURES	CU YD	3,255.0			1,166.0	128.0	673.0	1,288.0										

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

S00-03



USER NAME = mhossir	DESIGNED -	REVISED -
DRAWN - MMK	CHECKED - LLS	REVISED -
PLLOT SCALE = 1/8" = 1' / in.	DATE - 05/06/2016	REVISED -
PLLOT DATE = 6/3/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: N.T.S. SHEET 3 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 8
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

FILE NAME = ... 6/2/2016

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT		
				A	B	C	D	E	F	G	H	I		
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	415.4			236.4	9.0	64.0	106.0					
50300260	BRIDGE DECK GROOVING	SQ YD	3,599			3,599								
50300300	PROTECTIVE COAT	SQ YD	5,730			4,885	41	305	499					
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1			1								
50500505	STUD SHEAR CONNECTORS	EACH	15,987			15,987								
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	794,831		11,698	518,920	16,404	88,286	159,523					
50800515	BAR SPLICERS	EACH	82			82								
51200956	FURNISHING METAL SHELL PILES 12" X 0.179"	FOOT	16,496				851	6,353	9,292					
51201400	FURNISHING STEEL PILES HP10X42	FOOT	725			725								
51201800	FURNISHING STEEL PILES HP14X73	FOOT	9,595			9,595								
51202305	DRIVING PILES	FOOT	26,816			10,320	851	6,353	9,292					
51203200	TEST PILE METAL SHELLS	EACH	7				1	3	3					
51203400	TEST PILE STEEL HP10X42	EACH	2			2								
51203800	TEST PILE STEEL HP14X73	EACH	5			5								

• SPECIALITY ITEM

- A ROADWAY AND DRAINAGE (IDOT)
- B ROADWAY AND DRAINAGE (TOLLWAY)
- C BRIDGE NO. 380 (TOLLWAY)
- D RETAINING WALL 2 (TOLLWAY)
- E RETAINING WALL 3 (TOLLWAY)
- F RETAINING WALL 4 (TOLLWAY)
- G LIGHTING AND ITS (IDOT)
- H LIGHTING (TOLLWAY)
- I WATER MAIN (IDOT)

REV. 500-04

HNTB	USER NAME = mksor	DESIGNED -	REVISED -
	PLOT SCALE = 1/8" = 1' / in.	DRAWN - MMK	REVISED -
	PLOT DATE = 6/3/2016	CHECKED - LLS	REVISED -
		DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 4 OF 26 SHEETS STA. TO STA.

F.A.I. R.E. 190	SECTION 1517R-(113)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT		
				A	B	C	D	E	F	G	H	I		
				0003	0003	0010	0040	0040	0040	0021	0021	0043		
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN						
51500100	NAME PLATES	EACH	1			1								
52100540	ANCHOR BOLTS, 1 1/2"	EACH	132			132								
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1										
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1										
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	89	89										
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	289	289										
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	21	21										
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	210	210										
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	828	692	136									
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	35	35										
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	68	68										
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	415	415										
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	246	246										
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	280	280										

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

FILE NAME: 6/7/2016 6:27:28 AM



USER NAME: mkoar	DESIGNED: -	REVISED: -
PLOT SCALE: 1/8" = 1'	DRAWN: - MMK	REVISED: -
PLOT DATE: 6/3/2016	CHECKED: - LLS	REVISED: -
	DATE: - 05/06/2016	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: N.T.S. SHEET 5 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

S00-05

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003	0003	0010	0040	0040	0040	0021	0021	0043							
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN										
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	1,024	1,024															
550A0770	STORM SEWERS, CLASS A, TYPE 3 42"	FOOT	166	166															
550A0780	STORM SEWERS, CLASS A, TYPE 3 48"	FOOT	140	140															
550A0790	STORM SEWERS, CLASS A, TYPE 3 54"	FOOT	360	360															
550A1050	STORM SEWERS, CLASS A, TYPE 4 36"	FOOT	75	75															
550A1090	STORM SEWERS, CLASS A, TYPE 4 54"	FOOT	370	370															
550A1110	STORM SEWERS, CLASS A, TYPE 4 66"	FOOT	1,693	1,693															
55100500	STORM SEWER REMOVAL 12"	FOOT	520	520															
55101200	STORM SEWER REMOVAL 24"	FOOT	37	37															
55101600	STORM SEWER REMOVAL 36"	FOOT	33	33															
55102200	STORM SEWER REMOVAL 66"	FOOT	693	693															
55201300	STORM SEWERS JACKED IN PLACE, 36"	FOOT	50	50															
55201700	STORM SEWERS JACKED IN PLACE, 54"	FOOT	50	50															
56103100	DUCTILE IRON WATER MAIN 8"	FOOT	1,395																1,395

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

FILE NAME: F:\CH20156\156-001-500-00-056 6/3/2016



USER NAME = mksair	DESIGNED -	REVISED -
PLDT SCALE = 1/8" = 1'	DRAWN - MMK	REVISED -
PLDT DATE = 6/3/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 6 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1S17R-(113)	COOK	580	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

500-06

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT		
				A	B	C	D	E	F	G	H	I		
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN		
58700300	CONCRETE SEALER	SQ FT	6,610			6,610								
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	1,265			350	45	330	540					
60108106	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	3,005	1,966	1,039									
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	23		23									
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1										
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	30	30										
60205010	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1										
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	3	1									
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7										
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2										
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10	10										
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3										
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	21	21										
60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	10	10										

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

S00-07

HNTB	USER NAME - mhkasir	DESIGNED -	REVISED -
	PLOT SCALE = 1/8" = 1' in.	DRAWN - MMK	REVISED -
	PLOT DATE = 6/3/2016	CHECKED - ILS	REVISED -
		DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 7 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN							
60250200	CATCH BASINS TO BE ADJUSTED	EACH	27	27															
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1															
60260100	INLETS TO BE ADJUSTED	EACH	18	18															
60500040	REMOVING MANHOLES	EACH	5	5															
60500050	REMOVING CATCH BASINS	EACH	5	5															
60500060	REMOVING INLETS	EACH	3	3															
60602800	CONCRETE GUTTER, TYPE B	FOOT	392	392															
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1,650	1,650															
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1															
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1															
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4															
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4															
63200310	GUARDRAIL REMOVAL	FOOT	1,001	1,001															
63500105	DELINEATORS	EACH	40	40															

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)



USER NAME = mksbr	DESIGNED -	REVISED -
DRAWN - MMK	REVISIONS -	
PLLOT SCALE = 1/8" = 1'	CHECKED - LLS	REVISED -
PLLOT DATE = 6/3/2016	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: N.T.S. SHEET 8 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-(113)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 13
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

S00-08

FILE NAME: I:\60X56\1517R-113\60X56.dwg

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003	0003	0010	0040	0040	0040	0021	0021	0043							
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN											
63700155	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT	FOOT	538	538															
63700255	CONCRETE BARRIER, DOUBLE FACE, 32 INCH HEIGHT	FOOT	2,263	2,263															
63700805	CONCRETE BARRIER TRANSITION	FOOT	13	13															
63700900	CONCRETE BARRIER BASE	FOOT	2,901	2,901															
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	15,771	15,771															
66400105	CHAIN LINK FENCE, 4'	FOOT	2,176	2,176															
• 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	18,500	18,500															
• 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1															
• 66900530	SOIL DISPOSAL ANALYSIS	EACH	9	9															
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	21	21															
67100100	MOBILIZATION	L SUM	1	1															
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	55	55															
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	9,876	9,876															
• 70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	800	800															

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

S00-09



USER NAME = mkgair	DESIGNED -	REVISED -
PLOT SCALE = 1/8" = 1'	DRAWN - MMK	REVISED -
PLOT DATE = 6/3/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 9 OF 26 SHEETS STA. TO STA.

P.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	14
				CONTRACT NO. 60X56
ILLINOIS FED. AID PROJECT				

6/3/2016 6:00:00 AM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT	
				A	B	C	D	E	F	G	H	I	
				0003	0003	0010	0040	0040	0040	0040	0021	0021	0043
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
70400100	TEMPORARY CONCRETE BARRIER	FOOT	5,291	5,291									
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4,319	4,319									
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	3	3									
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1									
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4	4									
* 72000200	SIGN PANEL - TYPE 2	SQ FT	64	64									
* 72000300	SIGN PANEL - TYPE 3	SQ FT	3,965	3,965									
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	7	7									
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	9	9									
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	67	67									
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	1,274	1,274									
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1									
* 72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	24	24									
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	10,007	10,007									

E/2/2016 mkeair

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)



USER NAME = mkeair	DESIGNED -	REVISED -
PLOT SCALE = 1/8" = 1'	DRAWN - MMK	REVISED -
PLOT DATE = 6/3/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES
 SCALE: N.T.S. SHEET 10 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

S00-10

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT
				A	B	C	D	E	F	G	H	I
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
72900200	METAL POST - TYPE B	FOOT	132	132								
73000100	WOOD SIGN SUPPORT	FOOT	26	26								
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	118	118								
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	100	100								
73302200	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (30" X 7'-0")	FOOT	35	35								
73400100	CONCRETE FOUNDATIONS	CU YD	15.8	15.8								
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	107.4	107.4								
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	2	2								
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	13	13								
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	13	13								
* 73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2	2								
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	218	218								
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	14,042	14,042								
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	7,681	7,681								

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

HNTB	USER NAME = mkostr	DESIGNED -	REVISED -
	DRAWN - MMK	REVISOR -	
	CHECKED - LLS	REVISOR -	
	DATE - 05/06/2016	REVISOR -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 11	OF 26 SHEETS	STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 16
CONTRACT NO. 60X56				ILLINOIS FED. AID PROJECT

S00-11

6/3/2016

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN							
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	972	972															
* 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	3,021	3,021															
* 78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	703	703															
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	388	388															
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	11,723	11,723															
* 78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	4,674	4,674															
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	15,896	15,896															
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	1,080	1,080															
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	261	261															
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	65	65															
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	327	327															
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	410	410															
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	13	13															
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	31	31															

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)



USER NAME = mksair	DESIGNED -	REVISED -
PLOT SCALE = 1/8" = 1' in.	DRAWN - MMK	REVISED -
PLOT DATE = 6/3/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 12	OF 26 SHEETS	STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 17
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

S00-12

6/3/2016

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN							
78200530	BARRIER WALL MARKERS, TYPE C	EACH	925	925															
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6															
X0327979	PAVEMENT MARKING REMOVAL	SO FT	35,318	35,318															
X0327990	PAVEMENT MARKING REMOVAL	SO FT	8,743	8,743															
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	260	260															
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1									1							
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,967									3,967							
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	576									576							
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,024									1,024							
81028730	UNDERGROUND CONDUIT, COILABLE NONMETTALIC CONDUIT, 1-1/4" DIA.	FOOT	27									27							
81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	280									280							
81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	120									120							
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	4									4							
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	1									1							
81300800	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 12" X 6"	EACH	1									1							

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING AND ITS (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

FILE NAME: F:\111000000\111500-13.dgn 5/2/2016



USER NAME = mksir	DESIGNED -	REVISED -
PLLOT SCALE = 1.00' / 10"	DRAWN - MMK	REVISED -
PLLOT DATE = 5/3/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: N.T.S. SHEET 13 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 18
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

S00-13

CONSTRUCTION CODE

90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT
A	B	C	D	E	F	G	H	I
0003	0003	0010	0040	0040	0040	0021	0021	0043
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				A	B	C	D	E	F	G	H	I
				0003	0003	0010	0040	0040	0040	0021	0021	0043
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
81400200	HEAVY-DUTY HANDHOLE	EACH	16							16		
81603080	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	4,480							4,480		
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,120							1,120		
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	333							333		
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	7,149							7,149		
81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	1,823							1,823		
81800230	AERIAL CABLE, 2-1/C NO. 6 WITH MESSENGER WIRE	FOOT	2,053							2,053		
81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	7,245							7,245		
81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	132								132	
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	5							5		
82105600	LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 400 WATT	EACH	84							84		
82107100	UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	4							4		
83050825	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	5							5		
83504500	LIGHT TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 8	EACH	6							6		

SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING AND ITS (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

6/2/2016

FILE NAME: ...



USER NAME = mhk01r	DESIGNED -	REVISED -
DRAWN - MMK	CHECKED - LLS	DATE - 05/06/2016
PLT SCALE = 1/8" = 1' IN.	PLDT DATE = 6/3/2016	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: N.T.S.	SHEET 14	OF 26 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	19
CONTRACT NO. 60X56				ILLINOIS FED. AID PROJECT

500-14

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN							
83504700	LIGHT TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	1								1								
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	40								40								
83700350	LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	210								210								
84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	25								25								
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	7								7								
84200804	REMOVAL OF POLE FOUNDATION	EACH	7								7								
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1								1								
87200400	SPAN WIRE	FOOT	3,752								3,752								
87301727	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 19 GC	FOOT	924	924															
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4								4								
87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	9								9								
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2,576								2,576								
89502380	REMOVE EXISTING HANDHOLE	EACH	4								4								
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5								5								
SPECIALITY ITEM																			

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING AND ITS (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

FILE NAME: I:\1162610-DAY-00-15.dgn



USER NAME - mkostr	DESIGNED -	REVISED -
DRAWN - MMK	CHECKED - LLS	REVISED -
PLLOT SCALE - 1/8" = 1' / in.	DATE - 05/06/2016	REVISED -
PLLOT DATE - 6/3/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE: N.T.S.	SHEET 15 OF 26 SHEETS STA. TO STA.

F.A.T. RTE. 190	SECTION 1517R-1(1.3)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 20
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X56

S00-15

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT	
				A	B	C	D	E	F	G	H	I	
				0003	0003	0010	0040	0040	0040	0021	0021	0043	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	921	921									
Z0007510	ENGINEERED BARRIER	SQ YD	1,475	1,475									
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	209	209									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1									
Z0018100	DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)	EACH	15	15									
<input type="checkbox"/> Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	46	46									
Z0019600	DUST CONTROL WATERING	UNIT	60	60									
Z0022800	FENCE REMOVAL	FOOT	2,198	2,198									
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1,105	1,105									
<input type="checkbox"/> Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	5							5			
<input type="checkbox"/> Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	21							21			
<input type="checkbox"/> Z0033052	COMMUNICATIONS VAULT	EACH	9							9			
Z0034105	MATERIAL TRANSFER DEVICE	TON	8,252	8,252									
Z0034393	MODULAR EXPANSION JOINT 9"	FOOT	76			76							

SPECIALITY ITEM
 NON-PART.

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING AND ITS (IDOT)
B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)



USER NAME = mkostr	DESIGNED -	REVISED -
PLOT SCALE = 1.00' / 1" in.	DRAWN - MMK	REVISED -
PLOT DATE = 6/3/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 16 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	21
CONTRACT NO. 60X56			S00-16	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT		
				A	B	C	D	E	F	G	H	I		
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN		
Z0046306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	1,227			121	97	395	614					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1										
Z0056678	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 36"	FOOT	28	28										
Z0062456	TEMPORARY PAVEMENT	SQ YD	2,154	2,154										
φ Z0076600	TRAINEES	Hour	2000	2000										
Z0065745	SLOTTED DRAIN 12" WITH 2 1/2" SLOT	FOOT	590	590										
φ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	2000	2000										
X0322247	MAINTENANCE OF EXISTING TRAFFIC SURVEILLANCE	L SUM	1								1			
X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	4								4			
X0322442	TONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	13								13			
X0322443	TONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	13								13			
X0322444	TONE EQUIPMENT - POWER SUPPLY	EACH	4								4			
X0322445	TONE EQUIPMENT - MOUNTING FRAME	EACH	4								4			
X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	3	3										
X0323261	TEMPORARY SEDIMENT BASIN	EACH	1	1										
X0323524	REMOVE EXISTING SURVEILLANCE CAMERA EQUIPMENT	EACH	4								4			

• SPECIALITY ITEM
φ 0042

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)



USER NAME = mkostr	DESIGNED -	REVISED -
DRAWN - MMK	CHECKED - LLS	REVISED -
PLDT SCALE = 1/8" = 1'	DATE - 05/06/2016	REVISED -
PLDT DATE = 6/3/2016		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 17 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1113	COOK	580	22
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

S00-17

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT	
				A	B	C	D	E	F	G	H	I	
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	
X0323917	CABINET, MODEL 334	EACH	4								4		
X0324597	CLOSED CIRCUIT TELEVISION CABINET	EACH	3								3		
X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	1										1
X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	14,199								14,199		
X0325405	FILL EXISTING STORM SEWERS	CU YD	892	892									
X0325476	RADAR VEHICLE DETECTION SYSTEM	EACH	4								4		
X0326266	ETHERNET SWITCH	EACH	7								7		
X0326465	MODIFICATION OF EXISTING VIDEO DISTRIBUTION SYSTEM	L SUM	1								1		
X0326945	CLOSED CIRCUIT TELEVISION CAMERA EQUIPMENT	EACH	7								7		
X0327114	RADAR VEHICLE SENSING SYSTEM	EACH	1								1		
X0327117	ATMS SYSTEM INTEGRATION	L SUM	1								1		
X0327216	CLOSED CIRCUIT TELEVISION CAMERA	EACH	7								7		
X0327261	CABINET HOUSING EQUIPMENT, TYPE IV	EACH	1								1		
X0327303	REMOVAL OF EXISTING SIGN LIGHTING UNIT WITH NO SALVAGE	EACH	1								1		

SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING AND ITS (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)



USER NAME - mhossjr	DESIGNED -	REVISED -
DRAWN - MMK	CHECKED - LLS	REVISOR -
PLOT SCALE - 1/8" = 1'	DATE - 05/06/2016	
PLOT DATE - 6/3/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: N.T.S. SHEET 18 OF 26 SHEETS STA. TO STA.

F.A.I. R.E. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

S00-18

6/2/2016 8:27:28 AM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE										
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT		
				A	B	C	D	E	F	G	H	I		
				0003	0003	0010	0040	0040	0040	0021	0021	0043		
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN						
X0327392	WOOD POLE, 60 FT, CLASS 4	EACH	3									3		
X0327393	WOOD POLE, 100 FT, CLASS 2	EACH	25									25		
X0327601	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, FOUNDATION, 80 FT. MOUNTING HEIGHT	FOOT	83									83		
X0327602	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, GALVANIZED STEEL, 80 FT. MOUNTING HEIGHT	EACH	4									4		
X0327606	FIBER OPTIC SPLICE-LATERAL	EACH	17									17		
X0327976	TRACK MONITORING	CAL DA	90	90										
X4060002	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	4,126	4,126										
X4060006	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	4,126	4,126										
X5030225	CONCRETE STRUCTURES (SPECIAL)	CU YD	151.0			151.0								
X5210120	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 250K	EACH	12			12								
X5210220	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 750K	EACH	12			12								
X5210370	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 800K	EACH	6			6								
X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	1,525											1,525
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	1,135			291	48	262	534					

6/3/2016

SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING AND ITS (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)



USER NAME = mhk01r	DESIGNED -	REVISED -
DRAWN - MMK	CHECKED - LLS	REVISIO -
PLOT SCALE = 1/8" = 1' in.	DATE - 05/06/2016	REVISIO -
PLOT DATE = 6/3/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 19 OF 26 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1113J	COOK	580	24
CONTRACT NO. 60X56			S00-19	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT								
				A	B	C	D	E	F	G	H	I								
				0003	0003	0010	0040	0040	0040	0021	0021	0043								
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN											
X6020094	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1																
X6060097	CLASS SI CONCRETE (OUTLET), SPECIAL	CU YD	2	2																
X6370159	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT (SPECIAL)	FOOT	1,245	1,245																
X6370700	CONCRETE BARRIER TRANSITION (SPECIAL)	FOOT	75	75																
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	24	24																
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1																
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	600	600																
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	149	149																
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	27,371	27,371																
X7030035	WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH	FOOT	7,960	7,960																
X7030045	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	FOOT	8,891	8,891																
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	100	100																
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1,590	1,590																
X8040310	ELECTRICAL SERVICE DISCONNECT	EACH	1																	

6/2/2016

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING ITS (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)



USER NAME = mksar	DESIGNED -	REVISED -
DRAWN - MMK	CHECKED - LLS	REVISOR -
PLOT SCALE = 1/8" = 1' / in.	DATE - 05/06/2016	REVISION -
PLOT DATE = 6/3/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: N.T.S. SHEET 20 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 25
CONTRACT NO. 60X56			S00-20	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT	
				A	B	C	D	E	F	G	H	I	
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	
X8130115	DRILL EXISTING JUNCTION BOX	EACH	6								6		
X8420502	REMOVAL OF LIGHT TOWER, NO SALVAGE	EACH	8								8		
X8420510	REMOVAL OF TOWER FOUNDATION	EACH	8								8		
X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	11,790								11,790		
X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	8,321								8,321		
X8710054	FIBER OPTIC TERMINATION PANEL, 12F OR 24F	EACH	9								9		
X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	740								740		
X8772115	TEMPORARY MAST ARM, ALUMINUM, 15FT	EACH	25								25		
X8780105	CONCRETE FOUNDATIONS (SPECIAL)	EACH	4								4		
X8850102	INDUCTION LOOP	FOOT	526								526		
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	951								951		
X8950700	REMOVE TEMPORARY INTERCONNECT	L SUM	1								1		
X1200072	STEEL CASING PIPE, BORED AND JACKED, 16"	FOOT	470										470
X8210080	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 1000 WATT	EACH	25								25		

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING AND ITS (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

S00-21



USER NAME = mkostr	DESIGNED -	REVISED -
PLOT SCALE = 1/8" = 1' in.	DRAWN - MMK	REVISED -
PLOT DATE = 6/3/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 21 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 26
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

6/3/2016

FILE NAME: S:\1162056-01\S00-21.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT	
				A	B	C	D	E	F	G	H	I	
				0003	0003	0010	0040	0040	0040	0040	0021	0021	0043
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
X1400170	FIBER OPTIC SPLICE CLOSURE, WATERTIGHT	EACH	5								5		
X1400171	FIBER OPTIC SPLICE ENCLOSURE	EACH	1								1		
X1400172	ELECTRIC CABLE IN CONDUIT, COMMUNICATIONS, NO. 19 6 PAIR	FOOT	924								924		
X1700016	CONCRETE BARRIER, SINGLE FACE, 54 INCH HEIGHT (SPECIAL)	FOOT	100	100									
X1200071	WATER METER IN VAULT, 8 INCH	EACH	1										1
X1200074	CDWM PERMIT AND TESTING FEE	L SUM	1										1
	TOLLWAY PAY ITEMS												
J1312022	STABILIZED SUBBASE - WMA, 3"	SQ YD	981		981								
J1406510	WARM-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	197		197								
J1420010	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SQ YD	828		828								
J1420027	PROTECTIVE COAT	SQ YD	1,026		1,026								
J1420040	BRIDGE APPROACH SLAB	SQ YD	274			274							
J1420041	TRANSITION APPROACH SLAB	SQ YD	248			248							
J1440015	HOT-MIX ASPHALT REMOVAL, VARIABLE DEPTH	SQ YD	195		195								

SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING ITS (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)



USER NAME = mkoosr	DESIGNED -	REVISED -
PLOT SCALE = 1/8" = 1'	DRAWN - MMK	REVISED -
PLOT DATE = 6/3/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 22 OF 26 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	27
CONTRACT NO. 60X56			S00-22	

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN							
J1481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	64		64														
J1481130	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 4"	SO YD	130		130														
J1482104	WARM-MIX ASPHALT SHOULDERS (6 IN.)	SO YD	1,219		1,219														
J1503010	HIGH PERFORMANCE CONCRETE SUPERSTRUCTURE	CU YD	1,057.4			1,057.4													
J1602030	CATCH BASIN, TYPE G-2	EACH	3		3														
J1606010	GUTTER, TYPE G-2	FOOT	153		153														
J1606015	GUTTER, TYPE G-2, MODIFIED	FOOT	907		907														
J1606040	CONCRETE FLUME	FOOT	25		25														
* J1630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	200		200														
* J1631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	2		2														
* J1631120	TRAFFIC BARRIER TERMINAL, TYPE T2	EACH	1		1														
* J1631130	TRAFFIC BARRIER TERMINAL, TYPE T6	EACH	1		1														
* J1631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	1		1														
* J1631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1		1														

6/2/2016

* SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)



USER NAME - mksor	DESIGNED -	REVISED -
DRAWN - MMK	CHECKED - LLS	REVISIONS -
PLOT SCALE = 1/8" = 1'	DATE - 05/06/2016	
PLOT DATE = 6/3/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: N.T.S. SHEET 23 OF 26 SHEETS STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 28
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

800-23

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE															
				90% FED 10% IDOT	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	100% TOLLWAY	90% FED 10% IDOT	100% TOLLWAY	90% FED 10% IDOT							
				A	B	C	D	E	F	G	H	I							
				0003 URBAN	0003 URBAN	0010 URBAN	0040 URBAN	0040 URBAN	0040 URBAN	0021 URBAN	0021 URBAN	0043 URBAN							
J1635010	ROADWAY DELINEATORS	EACH	9		9														
J1642014	ASPHALT SHOULDER RUMBLE STRIP, 16 INCH	FOOT	653		653														
J1680120	SLOPED HEADWALL TYPE III, 6", 1:3	EACH	2		2														
J1680131	SLOPED HEADWALL TYPE III, 12", 1:4	EACH	1		1														
* J1782014	GUARDRAIL BARRIER REFLECTOR, TYPE B	EACH	5		5														
* J1782022	BARRIER WALL REFLECTOR, TYPE C	EACH	29		29														
* J1782110	TERMINAL MARKER - DIRECT APPLIED	EACH	3		3														
* JS733B40	OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE (STEEL) (40 FT)	FOOT	40		40														
* JS734B10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE <i>IV-BW</i>	CU YD	46.3		46.3														
• JS810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	45										45.0						
• JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1										1.0						
• JS816076	UNIT DUCT, WITH 4-1/2 NO. 2 AND 1/2 NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	645										645						
• JS817214	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/2 NO. 4	FOOT	1,190										1,190						
• JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/2 NO. 2	FOOT	4,310										4,310						

• SPECIALITY ITEM

A ROADWAY AND DRAINAGE (IDOT) D RETAINING WALL 2 (TOLLWAY) G LIGHTING (IDOT)
 B ROADWAY AND DRAINAGE (TOLLWAY) E RETAINING WALL 3 (TOLLWAY) H LIGHTING (TOLLWAY)
 C BRIDGE NO. 380 (TOLLWAY) F RETAINING WALL 4 (TOLLWAY) I WATER MAIN (IDOT)

S00-24



USER NAME = mhoss	DESIGNED -	REVISED -
DRAWN - MMK	CHECKED - LLS	REVISED -
PLLOT SCALE = 1/8" = 1' / in.	DATE - 05/06/2016	REVISED -
PLLOT DATE = 6/3/2016		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 24 OF 26 SHEETS STA. TO STA.

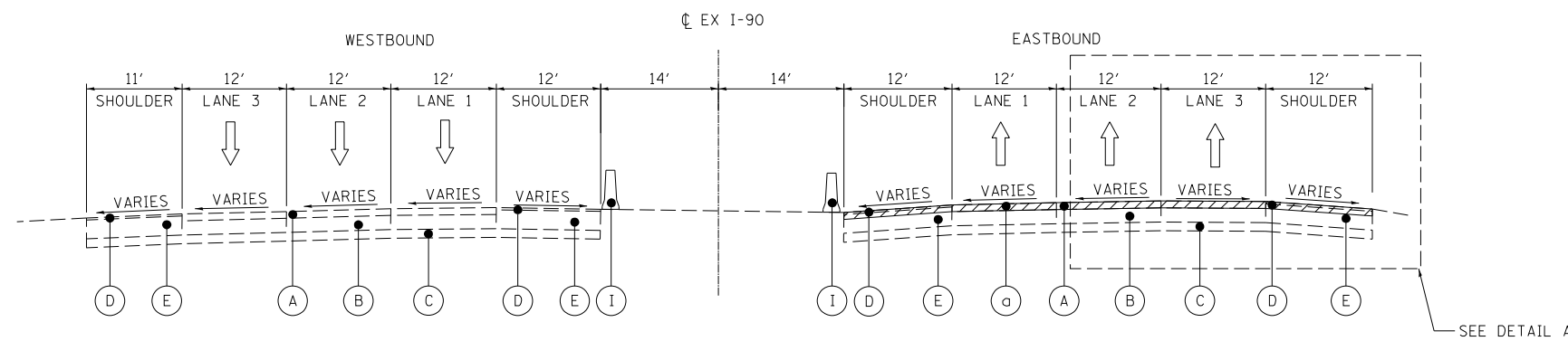
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	29
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

REMOVAL LEGEND

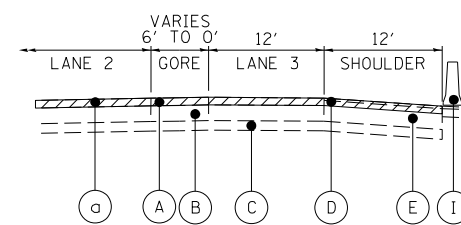
- (a) HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- (b) PAVED SHOULDER REMOVAL
- (c) PAVEMENT REMOVAL
- (d) COMBINATION CURB AND GUTTER REMOVAL
- (e) MEDIAN REMOVAL

EXISTING LEGEND

- (A) EXISTING 4" +/- HMA SURFACE COURSE
- (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" +/-
- (C) EXISTING 6" +/- AGGREGATE SUB-BASE
- (D) EXISTING 2" +/- HMA SURFACE COURSE
- (E) EXISTING 13" +/- P.C.C. SHOULDER
- (F) EXISTING HMA OVERLAY (VARIABLE THICKNESS)
- (G) EXISTING AGGREGATE SHOULDER
- (H) EXISTING GROUND
- (I) EXISTING BARRIER WALL
- (J) EXISTING GUARDRAIL
- (K) NOT USED
- (L) EXISTING BRIDGE PIER
- (M) EXISTING CONCRETE CURB AND GUTTER
- (N) EXISTING CONCRETE MEDIAN
- (O) EXISTING CHAIN LINK FENCE
- (P) EXISTING SLOTTED DRAIN

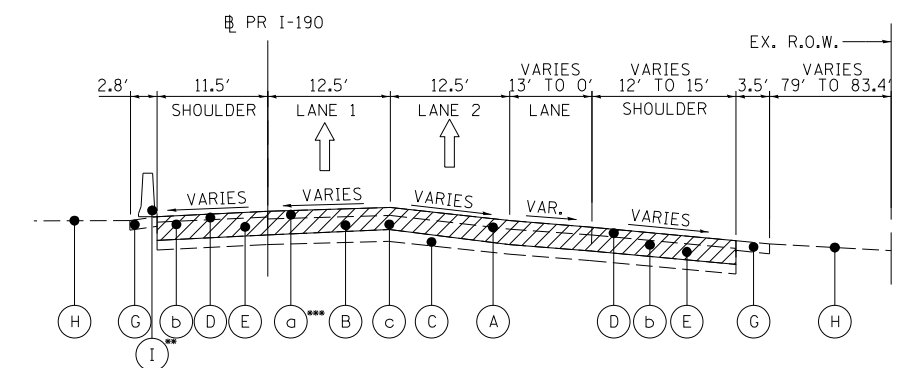


EXISTING TYPICAL SECTION
I-90 STA. 2997+65.00 TO STA. 3003+50.00



DETAIL A

I-90 STA. 2997+65.00 TO 3000+41.23



EXISTING TYPICAL SECTION
I-90 STA. 102+00.00 TO STA. 116+35.00

••BARRIER WALL LIMITS STA. 110+38.00 TO 113+11.00
•••REMOVAL LIMITS STA. 102+00.00 TO 103+00.00



USER NAME = mkosir	DESIGNED - MMK/LLS	REVISED -
	DRAWN - MMK	REVISED -
PLOT SCALE = 1:8000 / 1/8"	CHECKED - LLS	REVISED -
PLOT DATE = 4/27/2016	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

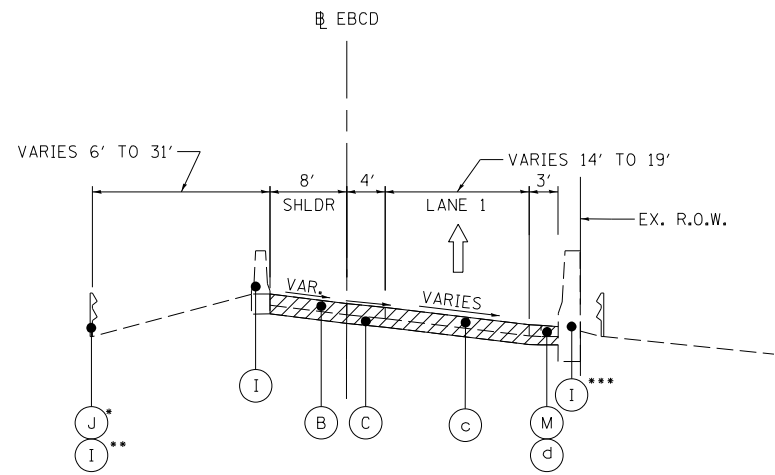
**EXISTING TYPICAL SECTIONS
I-190 AND I-90**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

TYP-EX-01

FILE NAME: \\hntb\p0556\hntb\05056\Projects\1-190_Cumberland\Drawings\CADD\Contract\60X56_Sht1_Typical-01.dgn

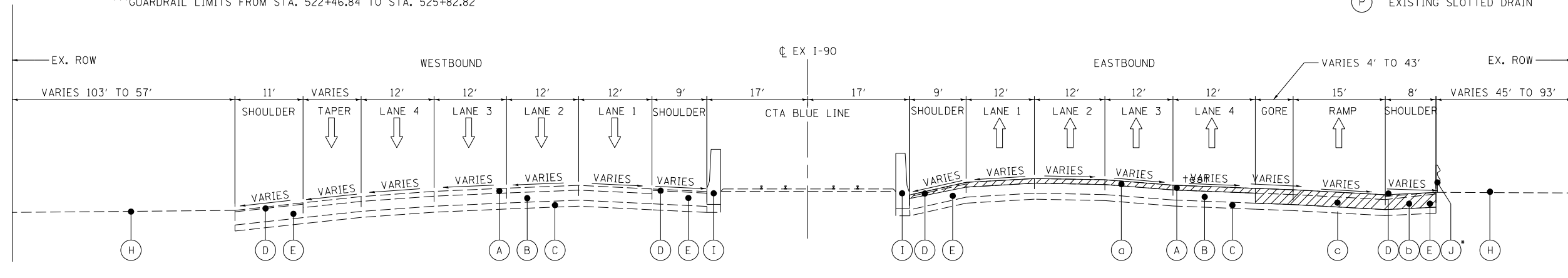


**EXISTING TYPICAL SECTION
SB CUMBERLAND RAMP**

STA. 522+79.91 TO STA. 528+89.93
 *GUARDRAIL LIMITS FROM STA. 524+35.80 TO STA. 526+13.05
 **CONCRETE BARRIER WALL FROM STA. 526+13.05 TO STA. 528+89.93
 ***GUARDRAIL LIMITS FROM STA. 522+46.84 TO STA. 525+82.82

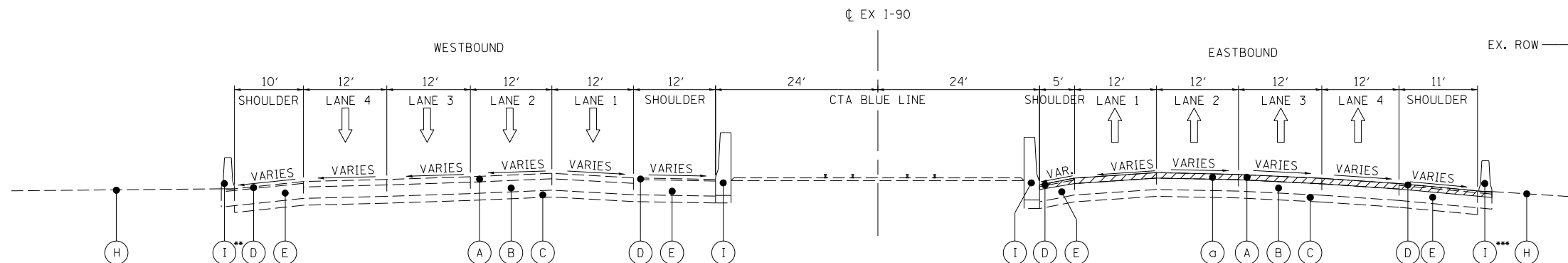
- REMOVAL LEGEND**
- (a) HOT-MIX ASPHALT SURFACE REMOVAL, 4"
 - (b) PAVED SHOULDER REMOVAL
 - (c) PAVEMENT REMOVAL
 - (d) COMBINATION CURB AND GUTTER REMOVAL
 - (e) MEDIAN REMOVAL

- EXISTING LEGEND**
- (A) EXISTING 4" +/- HMA SURFACE COURSE
 - (B) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" +/-
 - (C) EXISTING 6" +/- AGGREGATE SUB-BASE
 - (D) EXISTING 2" +/- HMA SURFACE COURSE
 - (E) EXISTING 13" +/- P.C.C. SHOULDER
 - (F) EXISTING HMA OVERLAY (VARIABLE THICKNESS)
 - (G) EXISTING AGGREGATE SHOULDER
 - (H) EXISTING GROUND
 - (I) EXISTING BARRIER WALL
 - (J) EXISTING GUARDRAIL
 - (K) NOT USED
 - (L) EXISTING BRIDGE PIER
 - (M) EXISTING CONCRETE CURB AND GUTTER
 - (N) EXISTING CONCRETE MEDIAN
 - (O) EXISTING CHAIN LINK FENCE
 - (P) EXISTING SLOTTED DRAIN



EXISTING TYPICAL SECTION

EX I-90 EB STA. 3023+50 TO STA. 3029+43
 *GUARDRAIL LIMITS STA. 3023+12.96 TO STA. 3026+04.45



EXISTING TYPICAL SECTION

EX I-90 EB STA. 3029+43 TO STA. 3041+40
 **BARRIER WALL LIMITS STA. 3031+98.79 TO STA. 3039+00,
 AND STA. 3039+08.58 TO 3041+80.43
 ***GUARDRAIL LIMITS FROM STA. 3029+82.01 TO STA. 3031+98.78
 BARRIER WALL LIMITS FROM STA. 3031+98.79 TO STA. 3032+00

FILE NAME: \\hntb\p0556\mtoorg\p0556\lakes\Documents\Chicago\Projects\30128\1-190_Cumberland\Design\CADD\Contract\60X56\hnt\typical-03.dgn



USER NAME = mkosir	DESIGNED - MMK/LLS	REVISED -
	DRAWN - MMK	REVISED -
PLOT SCALE = 1:8000' / 1"	CHECKED - LLS	REVISED -
PLOT DATE = 4/27/2016	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**EXISTING TYPICAL SECTIONS
I-190 AND I-90**

SCALE: SHEET 3 OF 3 SHEETS STA. 3023+50.00 TO STA. 3041+41.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	34
				CONTRACT NO. 60X56
ILLINOIS FED. AID PROJECT				

TYP-EX-03

REMOVAL SCHEDULE OF QUANTITIES

		44000100	44004250	JI440015
		PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	HOT-MIX ASPHALT REMOVAL, VARIABLE DEPTH
		SQ YD	SQ YD	SQ YD
EB I-190	REM-01	43	114	195
TOTALS		43	114	195

GUARDRAIL SCHEDULE OF QUANTITIES

		JI630004	JI631112	JI631120	JI631130	JI631135	JI631140	JI782110
		GALVANIZED STEEL PLATE BEAM GUARDRAIL TYPE A, 9 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	TRAFFIC BARRIER TERMINAL, TYPE T2	TRAFFIC BARRIER TERMINAL, TYPE T6	TRAFFIC BARRIER TERMINAL, TYPE T6B	TRAFFIC BARRIER TERMINAL, TYPE T10	TERMINAL MARKER - DIRECT APPLIED
		FOOT	EACH	EACH	EACH	EACH	EACH	EACH
FLYOVER	PP-01	87.5	2		1	1		2
	PP-02	112.5		1			1	1
TOTALS		200.0	2	1	1.0	1.0	1	3

ROADWAY SCHEDULE OF QUANTITIES

		JI312022	JI406510	JI420010	JI420027	JI420040	JI420041	JI481070	JI481130	JI482104	JI606010	JI606015	JI606040	JT211A11	40600290
		STABILIZED SUBBASE - WMA, 3"	WARM-MIX ASPHALT SURFACE COURSE MIX "D" N70	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	PROTECTIVE COAT	BRIDGE APPROACH SLAB	TRANSITION APPROACH SLAB	AGGREGATE SHOULDERS SPECIAL, TYPE C	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 4"	WARM-MIX ASPHALT SHOULDERS (6 IN.)	GUTTER, TYPE G-2	GUTTER, TYPE G-2, MODIFIED	CONCRETE FLUME	SUBGRADE AGGREGATE 12 IN.	BITUMINOUS MATERIALS (TACK COAT)
		SQ YD	TON	SQ YD	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD	FOOT	FOOT	FOOT	CU YD	POUND
FLYOVER	PP-01	420	197	356	398	137	124	39	44	518	153		12.5	524	543
	PP-02	560		472	600	137	124	25	86	701		907	12.5	622	631
TOTALS		981	197	828	998	274	248	64	130	1219	153	907	25	1146	1174

PAVEMENT MARKING SCHEDULE OF QUANTITIES

		JT780300	JT780310	JT780320	JT780325	JT780JA1	JI642014
		MULTI-POLYMER PAVEMENT MARKING - LINE 4"	MULTI-POLYMER PAVEMENT MARKING - LINE 6"	MULTI-POLYMER PAVEMENT MARKING - LINE 10"	MULTI-POLYMER PAVEMENT MARKING - LINE 12"	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE	ASPHALT SHOULDER RUMBLE STRIP, 16 INCH
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
FLYOVER	PMK-01		10	41			
	PMK-02	3432	28	859	335	1621	653
	PMK-03	438				438	
TOTALS		3870	38	900	335	2058	653

FILE NAME: C:\Users\mkosir\Documents\Cutstrip Project\30120 1-190_Cumberland\Drawings\2016\Contract_560\560\GA00_Sheets\0160X56-sh-t-schedule-01.dgn

HNTB	USER NAME = mkosir	DESIGNED - MMK	REVISED -
		DRAWN - MMK	REVISED -
	PLOT SCALE = 1:8000 / 1"	CHECKED - LLS	REVISED -
	PLOT DATE = 7/28/2016	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
TOLLWAY**

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	39
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

SCH-01

TREE SCHEDULE OF QUANTITIES

SHEET	STATION	OFFSET	20100110	20100110
			TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
UNIT	UNIT	UNIT	UNIT	UNIT
REM-01	103+09.13	118.4' LT	8	
REM-01	103+12.30	99.1' LT	8	
REM-01	103+21.94	97.0' LT	8	
REM-01	103+22.15	84.0' RT	6	
REM-01	103+45.81	82.8' RT	7	
REM-01	103+50.60	96.2' LT	8	
REM-01	103+55.69	41.9' LT	8	
REM-01	103+58.79	105.7' LT	8	
REM-01	103+68.37	84.3' RT	6	
REM-01	103+76.82	104.2' LT	8	
REM-01	103+77.38	94.9' LT	8	
REM-01	103+83.73	103.6' LT	8	
REM-01	103+88.13	85.3' RT	6	
REM-01	103+91.22	98.7' LT	8	
REM-01	103+95.29	99.1' LT	8	
REM-01	103+95.44	106.1' LT	8	
REM-01	103+95.76	112.8' LT	8	
REM-01	104+17.82	89.9' RT	6	
REM-01	104+28.45	84.9' RT	6	
REM-01	104+30.50	86.4' RT	6	
REM-01	104+33.27	86.5' RT	6	
REM-01	104+33.92	86.3' RT	6	
REM-01	104+36.15	83.3' RT	6	
REM-01	104+38.32	87.9' RT	6	
REM-01	104+38.93	83.4' RT	6	
REM-01	104+50.50	83.2' RT	8	
REM-01	104+66.50	116.8' LT	8	
REM-01	104+79.72	114.5' LT	8	
REM-01	104+85.50	115.8' LT	8	
REM-01	105+15.71	119.8' LT	8	
REM-01	105+21.38	120.1' LT	8	
REM-01	105+22.08	120.1' LT	8	
REM-01	105+85.72	30.2' LT	8	
REM-01	106+09.38	47.4' LT	8	
REM-01	106+23.38	48.0' LT	8	
REM-01	106+34.90	60.4' LT	8	
REM-01	106+56.07	58.4' LT	8	
REM-01	106+69.24	57.9' LT	8	
REM-01	106+76.86	62.5' LT	8	
REM-01	107+00.86	51.3' LT	8	
REM-01	107+13.59	50.9' LT	8	
REM-01	107+27.05	54.9' LT	8	
REM-01	107+38.83	56.1' LT	8	
REM-01	107+55.55	60.8' LT	8	
REM-01	107+74.92	54.0' LT	8	
REM-01	107+80.09	55.7' LT	8	
REM-01	108+40.17	53.0' LT	8	
REM-01	109+57.31	56.5' LT	8	
REM-01	111+08.59	119.1' RT	8	
REM-01	111+23.40	119.7' RT	6	
REM-01	111+37.83	119.4' RT	6	
REM-01	112+24.71	117.7' RT	6	
REM-01	112+38.82	117.1' RT	6	
REM-02	114+10.53	107.0' RT	12	
REM-02	114+16.90	110.2' RT	8	
REM-02	114+25.61	110.4' RT	13	
REM-02	114+37.49	108.0' RT	9	
REM-02	114+85.78	98.3' RT		
REM-02	115+49.05	98.1' RT	13	
REM-02	115+58.80	93.0' RT	13	
REM-02	115+68.43	96.6' RT	14	
REM-02	115+84.39	97.2' RT	13	
REM-02	116+67.45	91.2' RT	13	
REM-02	116+67.80	106.9' RT		
REM-02	116+95.87	98.3' RT	14	
REM-02	117+27.49	83.3' RT	11	

SHEET	STATION	OFFSET	20100110	20100210
			TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
UNIT	UNIT	UNIT	UNIT	UNIT
REM-02	118+68.13	82.0' RT		18
REM-02	119+04.63	82.6' RT		16
REM-02	119+14.44	95.6' RT	7	
REM-02	119+17.26	115.2' RT		21
REM-02	119+19.52	108.6' RT		24
REM-02	120+43.20	120.1' RT	9	
REM-02	120+65.83	79.7' RT	6	
REM-02	120+77.08	88.5' RT	6	
REM-02	120+79.12	100.5' RT	7	
REM-02	120+93.81	113.0' RT	6	
REM-02	120+95.48	116.0' RT	6	
REM-02	120+95.62	84.4' RT	6	
REM-02	120+96.95	82.7' RT	6	
REM-02	121+12.66	95.2' RT	12	
REM-02	121+15.59	83.1' RT	14	
REM-02	121+30.24	93.0' RT	14	
REM-02	121+34.29	126.7' RT	10	
REM-02	121+37.83	118.7' RT	10	
REM-02	121+51.09	122.0' RT	9	
REM-02	121+60.68	114.5' RT	7	
REM-02	121+75.03	113.4' RT	9	
REM-03	3014+92.38	148.6' RT	6	
REM-03	3014+99.01	153.0' RT	6	
REM-03	3014+99.15	144.2' RT	7	
REM-03	3015+12.75	150.9' RT	9	
REM-03	3015+13.61	158.9' RT	10	
REM-03	3015+14.06	158.9' RT	10	
REM-03	3015+26.07	160.4' RT	9	
REM-03	3015+33.11	167.1' RT	6	
REM-03	3015+43.12	165.3' RT	12	
REM-03	3015+52.95	165.3' RT	10	
REM-03	3018+01.03	125.6' RT		18
REM-03	3018+38.88	128.9' RT		25
REM-03	3018+54.46	167.2' RT	11	
REM-03	3019+29.37	125.4' RT		18
REM-03	3019+46.89	146.0' RT	15	
REM-03	3019+60.53	126.4' RT		16
REM-03	3019+88.08	139.7' RT	11	
REM-03	3020+06.53	152.7' RT	13	
REM-03	3020+25.13	131.9' RT	12	
REM-03	3020+51.49	137.4' RT	8	
REM-03	3021+73.38	146.4' RT		16
REM-03	3023+85.90	128.5' RT		16
REM-03	3024+67.28	135.7' RT	10	
REM-03	3024+87.24	126.7' RT	8	
TOTALS			843	224

REMOVAL SCHEDULE OF QUANTITIES

SHEET	STATION	OFFSET	44000100	44000165	44000500	44001980	44004250	63200310	Z0022800
			PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE BARRIER REMOVAL	PAVED SHOULDER REMOVAL	GUARDRAIL REMOVAL	FENCE REMOVAL
			SQ YD	SQ YD	FOOT	FOOT	SQ YD	FOOT	FOOT
REM-01			2692			294			
REM-02			92	8589			794		203
REM-03			1015	9674		98	2061	291	350
REM-04			1217	2332	310		1381	710	
EB I-190			3389	252			3623		850
REM-02			403	1780			2325		795
TOTALS			6115	25320	310	392	10184	1001	2198

EROSION CONTROL SCHEDULE OF QUANTITIES

SHEET	STATION	OFFSET	20101000	28000250	28000305	28000400	28000510	28001100	X0323261
			TEMPORARY FENCE	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET FILTERS	TEMPORARY EROSION CONTROL BLANKET	TEMPORARY SEDIMENT BASIN
			FOOT	POUND	FOOT	FOOT	EACH	SQ YD	EACH
ESC-01				139	12	503	3	6740	
ESC-02							10		
ESC-03							25		
ESC-04							7		
EB I-190			517	333	54	1909	13	16122	1
ESC-02				68	30	795	8	3282	
ESC-02				52	18	437	14	2496	
ESC-03				84	54	1355	29	4045	
ESC-04			28	35		327	15	1714	
TOTALS			545	711	168	5326	124	34399	1

FILE NAME: ...02.dgn



USER NAME = mksrby	DESIGNED - MMK	REVISED -
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	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES
REMOVALS AND EROSION CONTROL**

SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

SCH-03

PAVEMENT SCHEDULE OF QUANTITIES

		21001000	30300112	35501314	40600290	40600982	40603085	40603340	42001300	48101600	48203043	48203052	60602800	64200116	66400105	X4060002	X4060006	X6060097
		GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT, 12"	HOT-MIX ASPHALT BASE COURSE, 7 1/2 "	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL -BUTT JOINT	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PROTECTIVE COAT	AGGREGATE SHOULDERS, TYPE B 8"	HOT-MIX ASPHALT SHOULDERS, 11 1/2"	HOT-MIX ASPHALT SHOULDERS, 13 3/4"	CONCRETE GUTTER, TYPE B	SHOULDER RUMBLE STRIPS, 16 INCH	CHAIN LINK FENCE, 4'	POLYMERIZED HOT-MIX ASPHALT BINDER, COURSE, SMA, 12.5, N80	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 12.5, N80	CLASS SI CONCRETE (OUTLET), SPECIAL
		SQ YD	SQ YD	SQ YD	POUND	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	TON	TON	CU YD
I-90	PP-03			4549	2562	24	163	145	51	120	2622			714		176	176	
	PP-04	567	567	1254	7721		223	198			1932	1424		2471		765	765	
	PP-05				10128		170	152				1570		2701		933	933	
	PP-06				2874	24	35	30	128			583		875		261	261	
EB I-190	PP-03	7327	7327		6759	16			587	634			179	2400	850	549	549	2
	PP-04	5759	5759		3504				92	120			213	877	792	409	409	
EB CD	PP-04	3443	3443	3411	6464				605	252	1211			2267	135	320	320	
	PP-05	8129	8129	4202	5105				1055	451	1470			2700	399	471	471	
	PP-06	3316	3316	2080	2096				92	366	250			768		242	242	
TOTALS		28541	28541	15495	47213	65	591	525	2609	1943	7486	3576	392	15771	2176	4126	4126	2

CONCRETE BARRIER SCHEDULE OF QUANTITIES

		63700155	63700255	63700900	70600350	78200530	X6370159	X6370700	
		CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT	CONCRETE BARRIER, DOUBLE FACE, 32 INCH HEIGHT	CONCRETE BARRIER BASE	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	BARRIER WALL MARKERS, TYPE C	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT (SPECIAL)	CONCRETE BARRIER TRANSITION (SPECIAL)	CONCRETE BARRIER, SINGLE FACE, 54 INCH HEIGHT (SPECIAL)
		FOOT	FOOT	FOOT	EACH	EACH	FOOT	FOOT	FOOT
I-90	PP-03	125		125		4			
	PP-04	100		100					
	PP-05								
	PP-06	312.5		313		8			
EB I-190	PP-03					28	1114	75	100
	PP-04					2	43		
EBCD	PP-04		775	794	1	18			
	PP-05		1350	1350		12			
	PP-06		137.5	219		7	87.5		
TOTALS		538	2263	2901	1	79	1245	75	100

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USER NAME = mksrby	DESIGNED - MMK	REVISED -
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PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
PAVEMENT AND CONCRETE BARRIER**

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	42
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

SCH-04

LANDSCAPE SCHEDULE OF QUANTITIES

		25000210	25000400	25000600	25100630	28100101	28200200
		SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	STONE RIPRAP, CLASS A1	FILTER FABRIC
		ACRE	POUND	POUND	SQ YD	SQ YD	SQ YD
I-90	LS-01	1.4	125	125	6740		
	LS-02						
	LS-03						
	LS-04						
EB I-190	LS-01	3.3	300	300	16122	4.0	4.0
	LS-02	0.7	61	61	3282	3.0	3.0
EBCD	LS-02	0.5	46	46	2496		
	LS-03	0.8	75	75	4045		
	LS-04	0.3	32	32	1714		
TOTALS		7.1	640	640	34399	7	7

GUARDRAIL SCHEDULE OF QUANTITIES

		63000001	63100045	63100070	63100085	63100167	78200420	7250100	Z0005216
		STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 5	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL MARKERS, TYPE B	TERMINAL MARKER - DIRECT APPLIED	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL
		FOOT	EACH	EACH	EACH	EACH	EACH	EACH	SQ YD
I-90	PP-03								
	PP-04								
	PP-05								
	PP-06								
EB I-190	PP-03	387.5	1	1	2	2	10	4	365
	PP-04								73
EB CD	PP-04								
	PP-05	825				1	8	1	306
	PP-06	437.5			2	1	13	1	177
TOTALS		1650	1	1	4	4	31	6	921

mamiller 8/4/2016

FILE NAME = ..\D:\2016\1517R-1\13\art\schedule_04.dgn

	USER NAME = mamiller	DESIGNED - MMK	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">SCHEDULE OF QUANTITIES LANDSCAPE AND GUARDRAIL</p>	F.A.I. RTE. = 190	SECTION = 1517R-1(13)	COUNTY = COOK	TOTAL SHEETS = 580	SHEET NO. = 43
	PLOT SCALE = 2.0000' / in.	CHECKED - LLS	REVISED -			CONTRACT NO. 60X56				
	PLOT DATE = 8/4/2016	DATE = 05/06/2016	REVISED -			ILLINOIS FED. AID PROJECT				
	SCALE: SHEET 5 OF 10 SHEETS		STA. TO STA.							

SCH-05

PAVEMENT MARKING SCHEDULE OF QUANTITIES

		78000100	78000200	78000500	78000600	78004220	78004240	78009004	78009005	7800908	78100100	78100100	78300200
		THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
		SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	(EACH)
I-90	PMK-02		714			178					18	5	18
	PMK-03		1812	1416	353	650					66		78
	PMK-04		2701	976	35	675	347				128		103
	PMK-05		875			219	109				37		33
EB I-190	PMK-01/2	73	1400	1926	10	349	243	261	65	327	63	6	
	PMK-03		659	2746	286	324	2				34	2	28
EBCD	PMK-03		1863	618	287	123					13		
	PMK-04	109	2700			338					34		
	PMK-05	36	1320			165					17		
TOTALS		218	14042	7681	972	3021	703	261	65	327	410	13	260

DELINEATORS

							63500105
		FROM STATION	TO STATION	OFFSET	SINGLE/DOUBLE	SPACING	DELINEATORS
							EACH
I-190	PP-03	100+00.00	111+61.00	RT	1	1/400	3
EBCD	PP-03	300+00.00	301+22.70	RT	2	1/100	2
	PP-04	30+80.25	38+26.00	RT	2	1/100	14
	PP-05	508+00.00	517+77.45	RT	1	1/400	2
	PP-05	517+77.45	-	RT	1	1	1
	PP-05	519+77.70	-	RT	1	1	1
	PP-05	521+47.70	-	RT	1	1	1
	PP-06	522+57.50	525+43.10	RT	1	1/55	6
	PP-06	522+57.50	525+43.10	LT	1	1/55	6
	PP-06	526+41.80	-	LT	1	1	1
	PP-06	526+62.20	-	RT	1	1	1
	PP-06	528+12.00	-	LT	1	1	1
	PP-06	528+19.00	-	RT	1	1	1
TOTALS							40

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USER NAME = mksrby	DESIGNED - MMK	REVISED -
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PLOT SCALE = 1:8000 / 1/8"	CHECKED - LLS	REVISED -
PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
PAVEMENT MARKING**

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	44
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

SCH-06

EARTHWORK SCHEDULE - EB I-190

BEGIN STATION	END STATION	EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE* (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	AGGREGATE SUBGRADE IMPROVEMENT (CU YD)	TOPSOIL (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)
103+00.00	103+50.00	103	0	88	12	76	0	41	47
103+50.00	104+00.00	146	0	124	5	119	0	43	48
104+00.00	104+50.00	221	0	188	1	187	0	44	49
104+50.00	105+00.00	308	0	262	1	261	0	47	49
105+00.00	105+50.00	406	0	345	8	337	0	51	50
105+50.00	106+00.00	464	0	394	13	381	0	56	56
106+00.00	106+30.82	291	0	247	12	235	0	42	42
106+30.82	106+50.00	196	0	167	6	161	0	30	30
106+50.00	107+00.00	562	0	478	3	475	0	86	88
107+00.00	107+50.00	552	0	469	9	460	0	92	94
107+50.00	108+00.00	492	0	418	27	391	0	92	95
108+00.00	108+53.05	471	0	400	63	337	0	106	110
108+53.05	109+00.00	377	0	320	87	233	0	97	104
109+00.00	109+50.00	355	0	302	93	209	0	100	111
109+50.00	110+00.00	256	0	218	125	93	0	99	110
110+00.00	110+50.00	193	0	164	158	6	0	99	107
110+50.00	110+75.00	104	0	88	67	21	0	45	53
110+75.00	110+99.92	106	0	90	73	17	0	45	53
110+99.92	111+50.00	135	120	115	170	-55	63	98	107
111+50.00	112+00.00	54	217	46	135	-89	125	87	97
112+00.00	112+50.00	54	176	46	199	-153	124	57	88
112+50.00	113+00.00	102	146	87	674	-587	128	35	91
113+00.00	113+50.00	142	134	121	973	-852	133	43	103
113+50.00	114+00.00	164	145	139	788	-649	135	48	107
114+00.00	114+50.00	195	79	166	632	-466	68	40	100
114+50.00	115+00.00	158	0	134	563	-429	0	33	99
115+00.00	115+50.00	123	0	105	475	-370	0	29	94
115+50.00	116+00.00	115	0	98	390	-292	0	25	91
116+00.00	116+50.00	96	0	82	385	-303	0	27	81
116+50.00	117+00.00	71	153	60	198	-138	285	22	73
117+00.00	117+50.00	49	322	42	0	42	564	13	74
117+50.00	118+00.00	52	361	44	9	35	563	14	74
118+00.00	118+50.00	38	394	32	11	21	639	12	71
118+50.00	119+00.00	21	397	18	4	14	702	10	68
119+00.00	119+25.00	9	191	8	24	-16	327	6	35
119+25.00	119+50.00	9	214	8	39	-31	335	7	36
119+50.00	120+00.00	22	480	19	70	-51	709	17	70
120+00.00	120+50.00	25	431	21	82	-61	678	18	70
120+50.00	121+00.00	26	384	22	91	-69	664	19	69
121+00.00	121+50.00	26	389	22	91	-69	662	19	68
SUB-TOTAL		7,289	4,733	6,196	6,766	-570	6,904	1,894	3,062

*SHRINKAGE FACTOR 15%

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USER NAME = mk1rby	DESIGNED - MMK	REVISED -
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PLOT SCALE = 1,0000' / 1in.	CHECKED - LLS	REVISED -
PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
EARTHWORK EB 1-190

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	46
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

SCH-08

EARTHWORK SCHEDULE - CUMBERLAND FLYOVER RAMP									
BEGIN STATION	END STATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	AGGREGATE SUBGRADE IMPROVEMENT	TOPSOIL	TOPSOIL EXCAVATION AND PLACEMENT
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
10+00.00	10+50.00	0	0	0	0	0	0	0	0
10+50.00	10+75.00	0	0	0	0	0	0	0	0
10+75.00	11+00.00	0	0	0	0	0	0	0	0
11+00.00	11+25.00	0	0	0	0	0	0	0	0
11+25.00	11+50.00	0	0	0	0	0	0	0	0
11+50.00	11+75.00	0	0	0	0	0	0	0	0
11+75.00	12+00.00	0	0	0	0	0	0	0	0
12+00.00	12+25.00	0	0	0	0	0	0	0	0
12+25.00	12+50.00	0	0	0	0	0	0	0	0
12+50.00	12+75.00	0	0	0	0	0	0	0	0
12+75.00	13+68.43	75	0	64	1	63	0	3	4
13+68.43	13+75.00	10	0	9	0	9	0	1	2
13+75.00	14+00.00	26	0	22	2	20	0	6	16
14+00.00	14+25.00	13	0	11	20	-9	0	15	33
14+25.00	14+50.00	10	0	9	86	-78	0	26	46
14+50.00	14+75.00	10	0	9	164	-156	0	29	48
14+75.00	15+00.00	10	0	9	217	-209	0	23	44
15+00.00	15+25.00	12	0	10	278	-268	0	24	44
15+25.00	15+40.00	8	0	7	198	-191	0	12	25
15+40.00	15+50.00	3	0	3	148	-145	0	8	17
15+50.00	15+75.00	1	0	1	445	-444	0	25	24
15+75.00	15+85.05	19	0	16	213	-197	0	13	12
15+85.05	16+00.00	44	0	37	342	-305	0	22	35
16+00.00	16+25.00	56	0	48	599	-551	0	33	54
16+25.00	16+29.08	10	0	9	102	-94	0	5	8
16+29.08	16+61.08	123	0	105	513	-408	0	34	60
SUB-TOTAL		430	0	366	3,328	-2,963	0	279	472

*SHRINKAGE FACTOR 15%

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	DRAWN - MMK	REVISED -
PLOT SCALE = 1.0000' / 1" =	CHECKED - LLS	REVISED -
PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
EARTHWORK - FLYOVER

SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	48
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

SCH-10

ALIGNMENT COORDINATES EAST RIVER ROAD		
STATION	NORTHING	EASTING
POT 65+37.00	1,936,263.91	1,116,640.88
POT 81+96.00	1,937,922.59	1,116,608.06

ALIGNMENT COORDINATES PR_EB190		
STATION	NORTHING	EASTING
POT 100+00.00	1,936,932.50	1,114,072.19
PC 116+02.74	1,936,980.47	1,115,674.21
PI 117+68.67	1,936,985.44	1,115,840.07
PT 119+34.58	1,936,995.32	1,116,005.71
POT 121+91.34	1,937,010.60	1,116,262.02

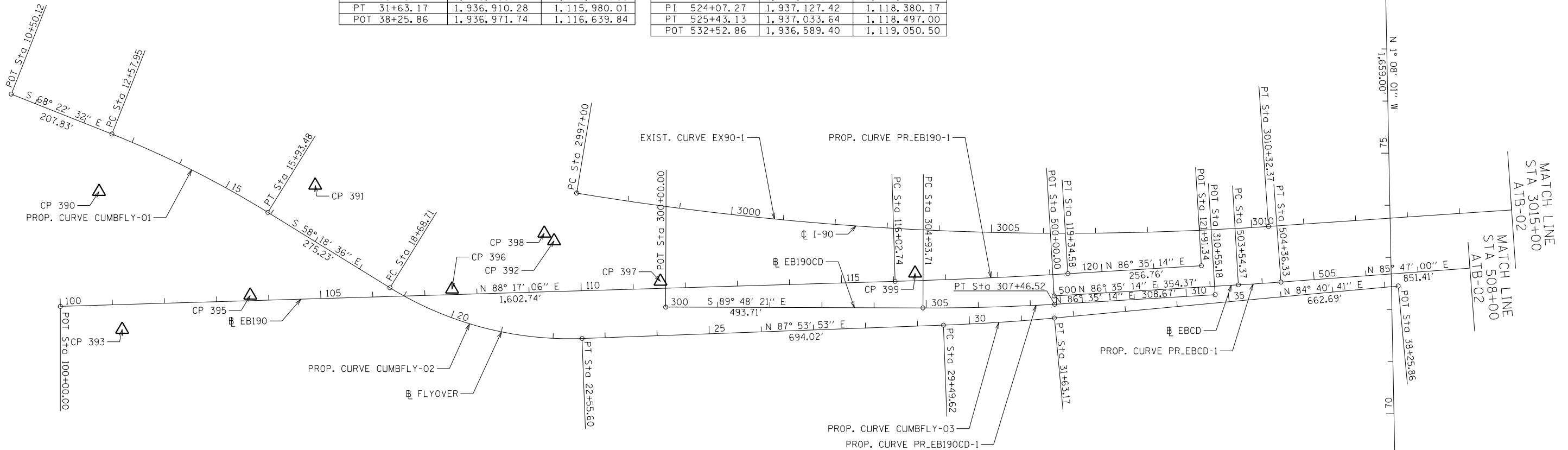
ALIGNMENT COORDINATES PR_EB190CD		
STATION	NORTHING	EASTING
POT 300+00.00	1,936,931.27	1,115,233.92
PC 304+93.71	1,936,929.60	1,115,727.62
PI 306+20.15	1,936,929.17	1,115,854.07
PT 307+46.52	1,936,936.70	1,115,980.29
POT 310+55.18	1,936,955.07	1,116,288.41

ALIGNMENT COORDINATES PR_EBJA90		
STATION	NORTHING	EASTING
POT 400+00.00	1,937,372.62	1,113,936.43
PC 402+71.19	1,937,282.28	1,114,192.13
PI 403+34.11	1,937,261.32	1,114,251.46
PT 403+96.95	1,937,245.67	1,114,312.40
PC 407+15.68	1,937,166.41	1,114,621.13
PI 408+65.97	1,937,129.04	1,114,766.69
PT 410+16.16	1,937,100.44	1,114,914.23

ALIGNMENT COORDINATES EXISTING I-90		
STATION	NORTHING	EASTING
PC 2997+00.00	1,937,150.07	1,115,063.01
PI 3003+69.18	1,937,040.74	1,115,723.20
PT 3010+32.37	1,937,085.94	1,116,390.86
POT 3044+00.00	1,937,313.43	1,119,750.79

ALIGNMENT COORDINATES PR_CUMBFly		
STATION	NORTHING	EASTING
POT 10+50.12	1,937,339.88	1,113,977.83
PC 12+57.95	1,937,263.29	1,114,171.04
PI 14+26.15	1,937,201.30	1,114,327.40
PT 15+93.48	1,937,112.95	1,114,470.52
PC 18+68.71	1,936,968.36	1,114,704.71
PI 20+67.96	1,936,863.69	1,114,874.26
PT 22+55.60	1,936,871.00	1,115,073.38
PC 29+49.62	1,936,896.45	1,115,766.93
PI 30+56.43	1,936,900.37	1,115,873.66
PT 31+63.17	1,936,910.28	1,115,980.01
POT 38+25.86	1,936,971.74	1,116,639.84

ALIGNMENT COORDINATES PR_EBCD		
STATION	NORTHING	EASTING
POT 500+00.00	1,936,952.67	1,115,979.34
PC 503+54.37	1,936,973.77	1,116,333.08
PI 503+95.35	1,936,976.20	1,116,373.99
PT 504+36.33	1,936,979.22	1,116,414.86
PC 512+87.74	1,937,041.82	1,117,263.97
PC 517+07.80	1,937,078.57	1,117,682.41
PI 517+87.79	1,937,085.57	1,117,762.10
PT 518+67.78	1,937,090.97	1,117,841.91
PC 522+57.46	1,937,117.30	1,118,230.70
PI 524+07.27	1,937,127.42	1,118,380.17
PT 525+43.13	1,937,033.64	1,118,497.00
POT 532+52.86	1,936,589.40	1,119,050.50



EBJA90 CURVE DATA:

PROP. CURVE PR_EBJA90-1 PI STA. = 403+34.11 Δ = 5° 03' 36" (LT) D = 4° 01' 25" R = 1,424.00' T = 62.92' L = 125.76' E = 1.39' e = 3.00% T.R. = 26' S.E. RUN = 52' P.C. STA = 402+71.19 P.T. STA = 403+96.95 SPEED = 35 MPH	PROP. CURVE PR_EBJA90-2 PI STA. = 408+65.97 Δ = 3° 25' 36" (LT) D = 1° 08' 26" R = 5,024.00' T = 150.28' L = 300.48' E = 2.25' e = NC T.R. = N/A S.E. RUN = N/A P.C. STA = 407+15.68 P.T. STA = 410+16.16 SPEED = 40 MPH
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EB CUMBERLAND FLYOVER RAMP CURVE DATA:

PROP. CURVE CUMBFly-01 PI STA. = 14+26.15 Δ = 10° 03' 56" (RT) D = 2° 59' 88" R = 1,909.88' T = 168.20' L = 335.53' E = 7.39' e = 2.00% T.R. = N/A S.E. RUN = N/A P.C. STA = 12+57.95 P.T. STA = 15+93.48 SPEED = 30 MPH	PROP. CURVE CUMBFly-02 PI STA. = 20+67.96 Δ = 33° 47' 31" (LT) D = 8° 44' 03" R = 656.00' T = 199.26' L = 386.90' E = 29.59' e = 6.00% T.R. = 53' S.E. RUN = 158' P.C. STA = 18+68.71 P.T. STA = 22+55.60 SPEED = 45 MPH	PROP. CURVE CUMBFly-03 PI STA. = 30+56.43 Δ = 3° 13' 12" (LT) D = 1° 30' 28" R = 3,800.00' T = 106.80' L = 213.55' E = 1.50' e = 2.40% T.R. = 53' S.E. RUN = 63' P.C. STA = 29+49.62 P.T. STA = 31+63.17 SPEED = 45 MPH
---	---	--

EB I-190 CURVE DATA:

PROP. CURVE PR_EB190-1 PI STA. = 117+68.67 Δ = 1° 41' 51" (LT) D = 0° 30' 42" R = 11,200.00' T = 165.94' L = 331.85' E = 1.23' e = NC T.R. = N/A S.E. RUN = N/A P.C. STA = 116+02.74 P.T. STA = 119+34.58 SPEED = 55 MPH

EB I-190 CD ROAD CURVE DATA:

PROP. CURVE PR_EB190CD-1 PI STA. = 306+20.15 Δ = 3° 36' 24" (LT) D = 1° 25' 36" R = 4,016.00' T = 126.45' L = 252.81' E = 1.99' e = 3.20% T.R. = 69' S.E. RUN = 110' P.C. STA = 304+93.71 P.T. STA = 307+46.52 SPEED = 55 MPH
--

EB CD ROAD CURVE DATA:

PROP. CURVE PR_EBCD-1 PI STA. = 503+95.35 Δ = 4° 48' 14" (LT) D = 0° 58' 51" R = 5,841.00' T = 40.98' L = 81.96' E = 0.14' e = NC T.R. = N/A S.E. RUN = N/A P.C. STA = 503+54.37 P.T. STA = 504+36.33 SPEED = 50 MPH

EXISTING I-90:

EXIST. CURVE EX90-1 PI STA. = 3003+69.18 Δ = 13° 16' 35" (LT) D = 0° 59' 47" R = 5,750.00' T = 669.18' L = 1,332.37' E = 38.55' e = 2.40% T.R. = 123' S.E. RUN = 56' P.C. STA = 2997+00.00 P.T. STA = 3010+32.37 SPEED = 55 MPH
--



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PFILES



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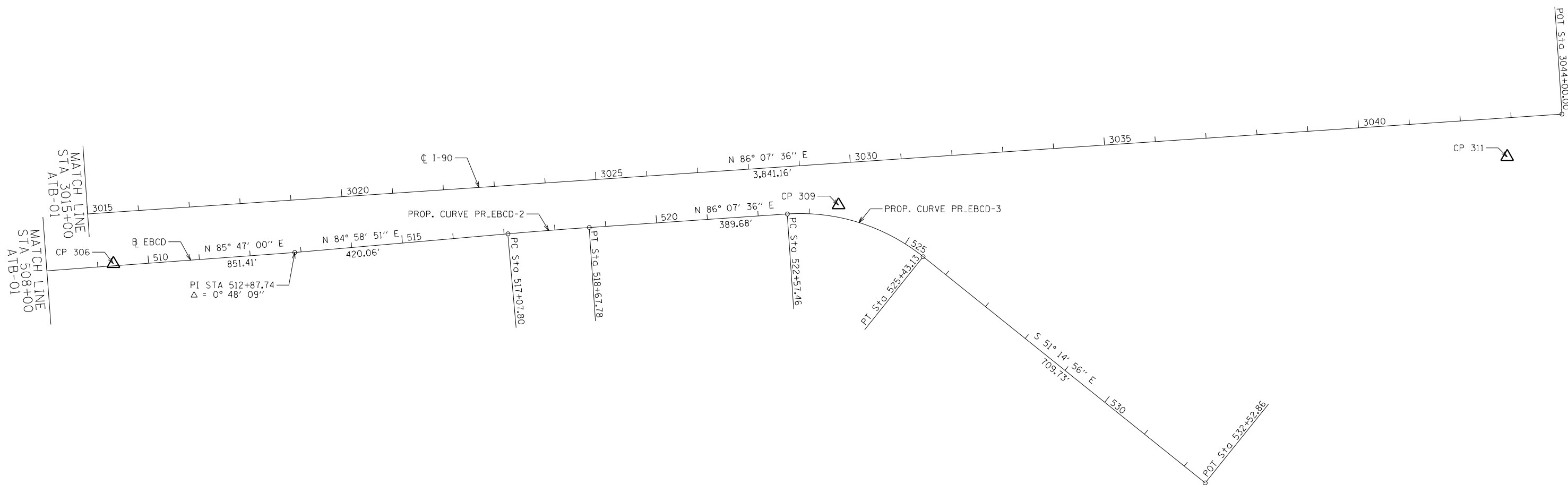
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS
CUMBERLAND FLYOVER PROJECT

SCALE: 1" = 100' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	49
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

ATB-01



EB CD ROAD CURVE DATA:

PROP. CURVE PR_EBCD-2	PROP. CURVE PR_EBCD-3
PI STA. = 517+87.79	PI STA. = 524+07.27
$\Delta = 1^\circ 08' 45''$ (RT)	$\Delta = 42^\circ 37' 28''$ (RT)
D = $0^\circ 42' 58''$	D = $14^\circ 55' 15''$
R = 8,000.00'	R = 384.00'
T = 80.00'	T = 149.81'
L = 159.98'	L = 285.67'
E = 0.40'	E = 28.19'
e = NC	e = 6.0%
T.R. = N/A	T.R. = 25'
S.E. RUN = N/A	S.E. RUN = 174'
P.C. STA = 517+07.80	P.C. STA = 522+57.46
P.T. STA = 518+67.78	P.T. STA = 525+43.13
SPEED = 50 MPH	SPEED = 35 MPH



FILE NAME =
PFILES



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	DRAWN - MT	REVISED -
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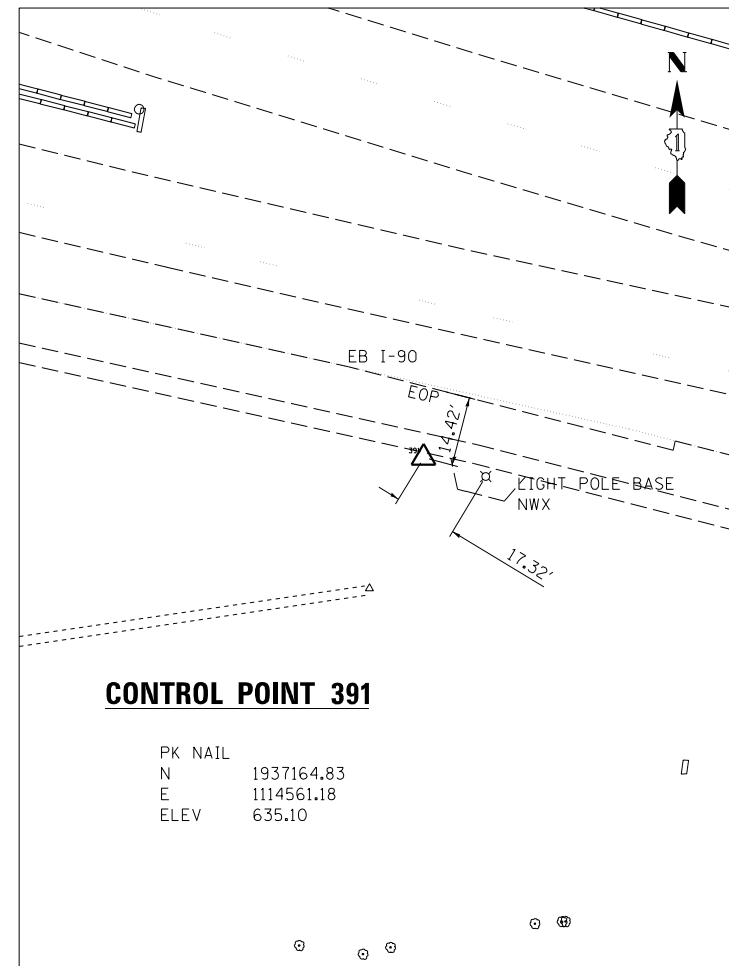
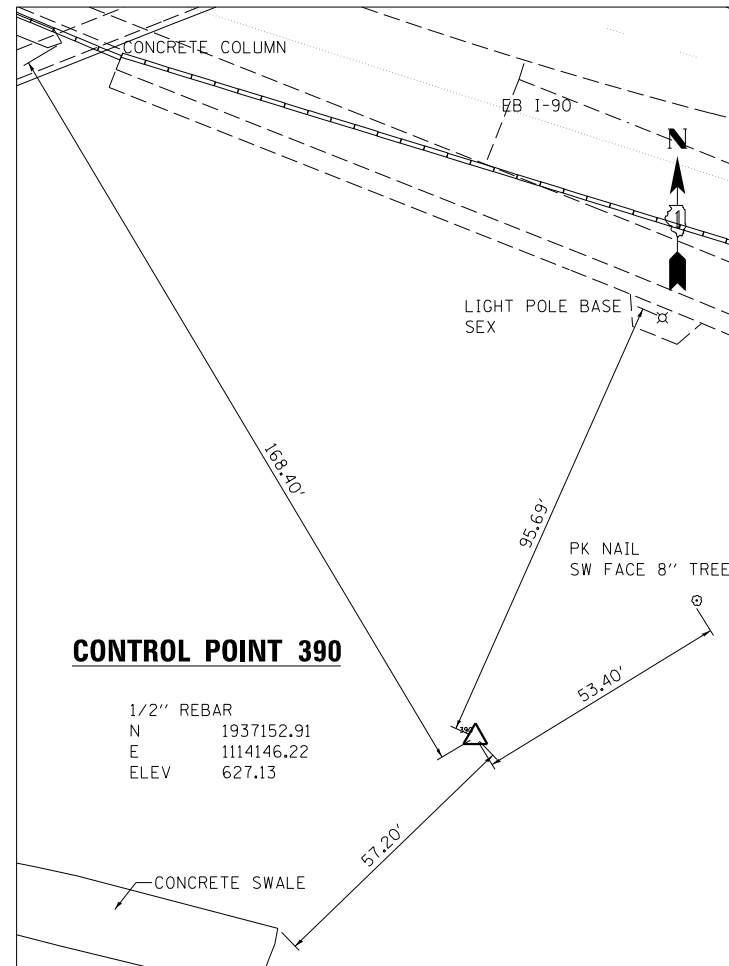
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS
CUMBERLAND FLYOVER PROJECT

SCALE: 1" = 100' SHEET 2 OF 5 SHEETS STA. TO STA.

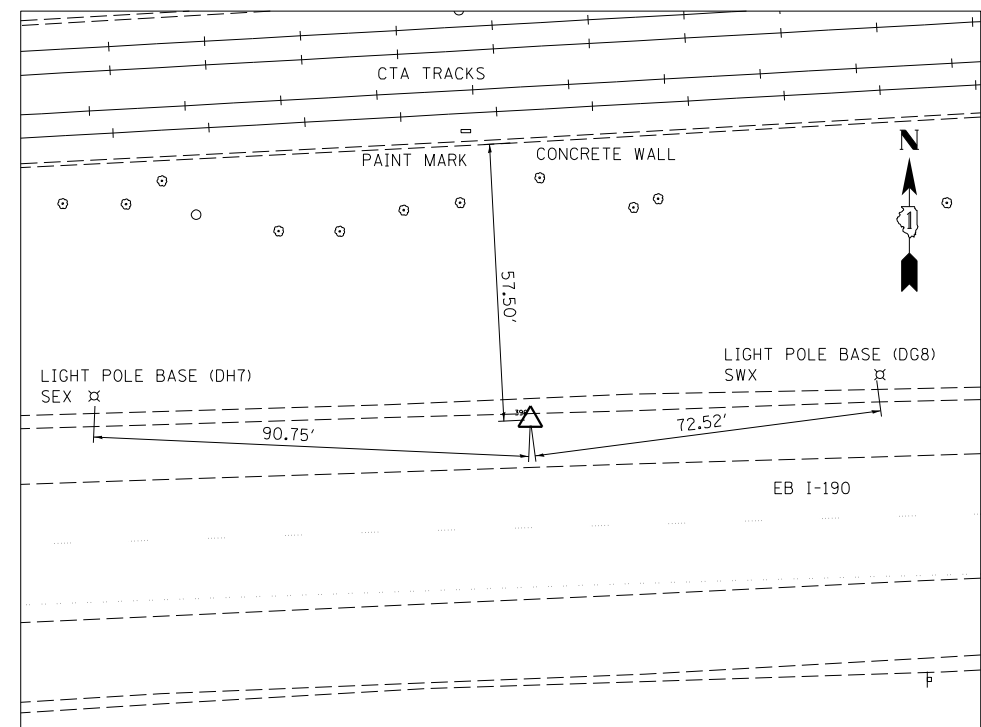
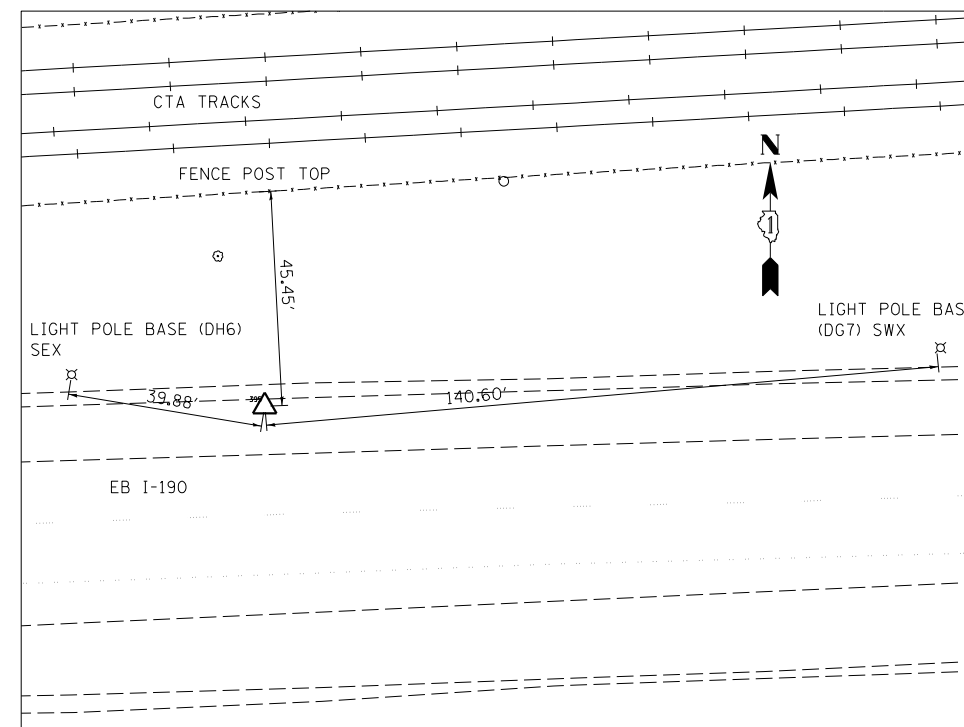
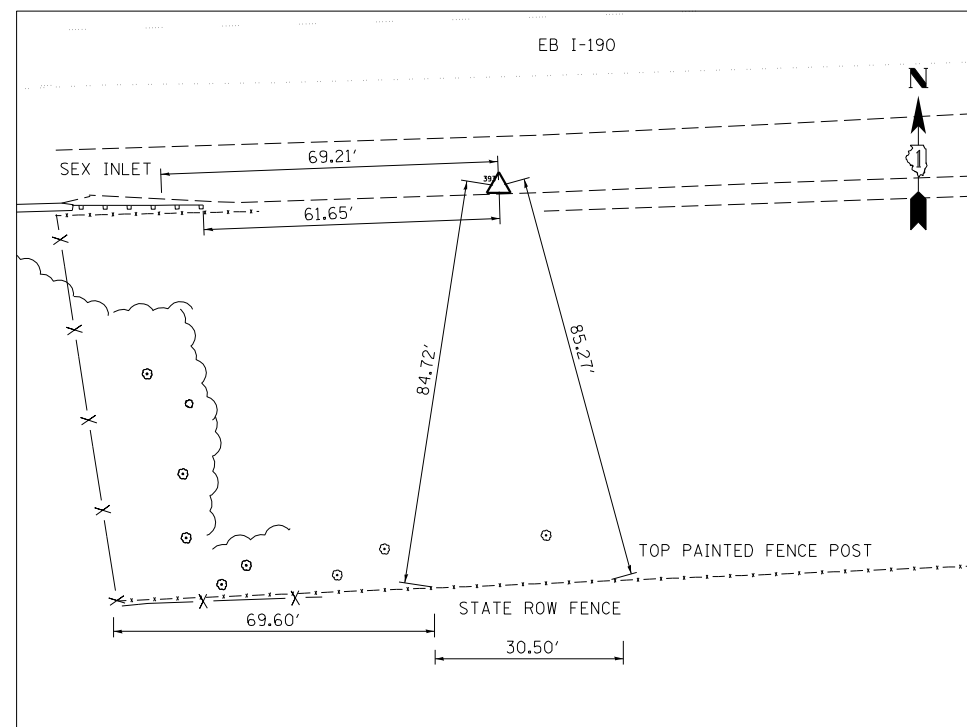
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	50
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

ATB-02



TEMPORARY BENCHMARKS: I-90 CUMBERLAND FLYOVER PROJECT

	ELEVATION	DESCRIPTION
TBM1C	635.36	CHAIN LINK BOLT ON FIRE HYDRANT AT ENTRANCE OF O'HARE PLAZA FROM E. RIVER ROAD
TBM4C	634.05	CHAIN LINK BOLT ON FIRE HYDRANT AT SEX OF E. RIVER ROAD & BRYM MAWR AVENUE
TBM6A	635.04	SQUARE CUT AT E. END OF CONCRETE PIER BASE ON S. SIDE OF I-90
TBM7	642.06	CUT CROSS ON SW BOLT OF LIGHT POLE (DH4) ON NORTH SIDE EB I-190 ADJACENT TO ENTRANCE RAMP FROM NB E. RIVER RD.
TBM8	633.95	SQUARE CUT ON SOUTH SIDE OF LIGHT POLE (DH7) ON NORTH SIDE OF EB I-190
TBM9	633.36	CUT CROSS ON NNE BOLT OF HIGH MAST LIGHT POLE (D1GH3) ON SOUTH SIDE OF EB I-90
TBM10	631.87	CUT CROSS ON NNW BOLT OF HIGH MAST LIGHT POLE (D1AB2) ON SOUTH SIDE EB I-90
TBM11	634.20	CUT CROSS ON NNW BOLT OF HIGH MAST LIGHT POLE (D1AB4) ON SOUTH SIDE EB I-90
TBM12	636.85	SQUARE CUT ON NORTH SIDE CONCRETE BASE FOR LIGHT POLE (ED5) ON SOUTH SIDE OF EB I-90 JUST WEST OF THE CUMBERLAND AVENUE BRIDGE
TBM394	634.71	CUT CROSS SEX OF CONCRETE ENCASED MANHOLE, NORTH SIDE OF EB I-190 AT EAST BRIDGE APPROACH OF THE DES PLAINES RIVER BRIDGE



PK NAIL
 N 1936888.29
 E 1114190.65
 ELEV 632.15

PK NAIL
 N 1936953.75
 E 1114436.53
 ELEV 633.02

PK NAIL
 N 1936965.45
 E 1114824.01
 ELEV 634.58



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DRAWN - MT	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED - LLS	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

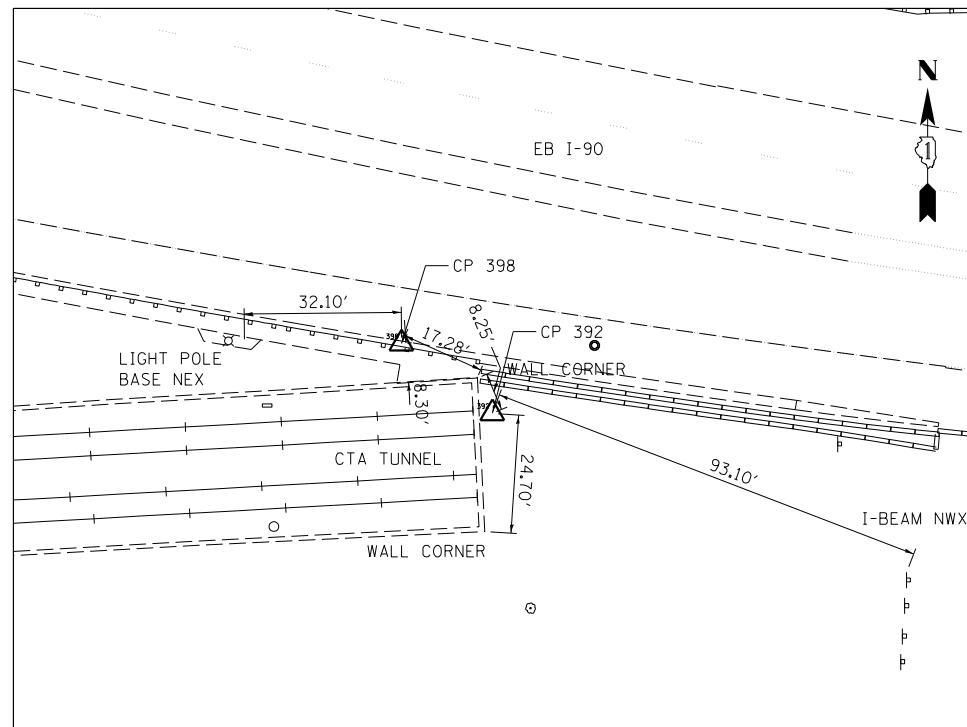
ALIGNMENT, TIES & BENCHMARKS
 CUMBERLAND FLYOVER PROJECT

SCALE: 1" = 20' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	51

CONTRACT NO. 60X56
 ILLINOIS FED. AID PROJECT

ATB-03

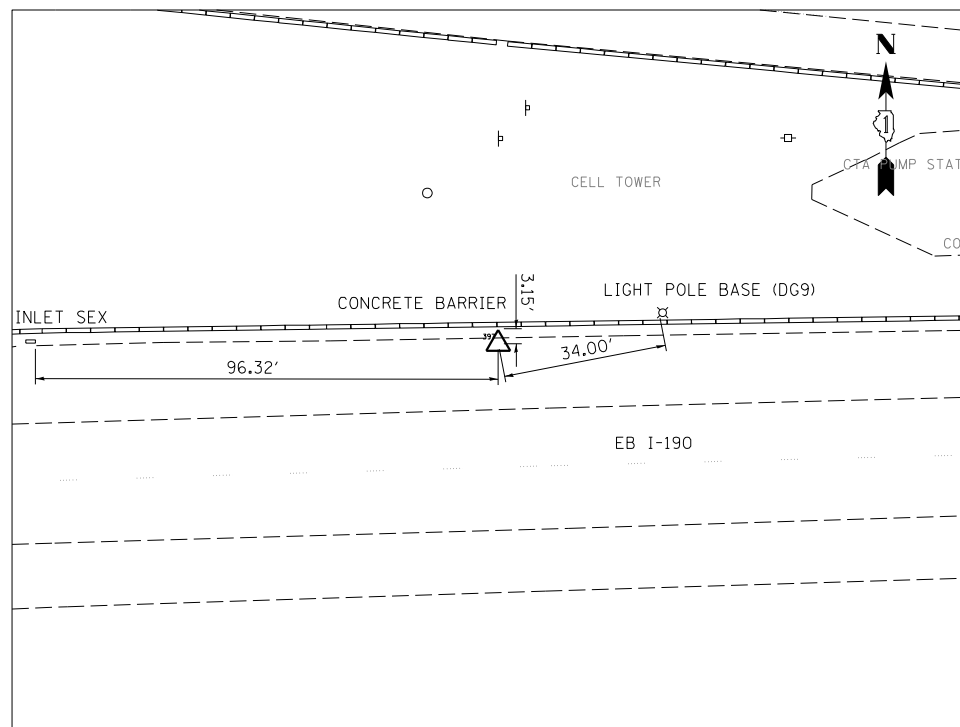


CONTROL POINT 398

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 N 1937072.85
 E 1115000.86
 ELEV 635.20

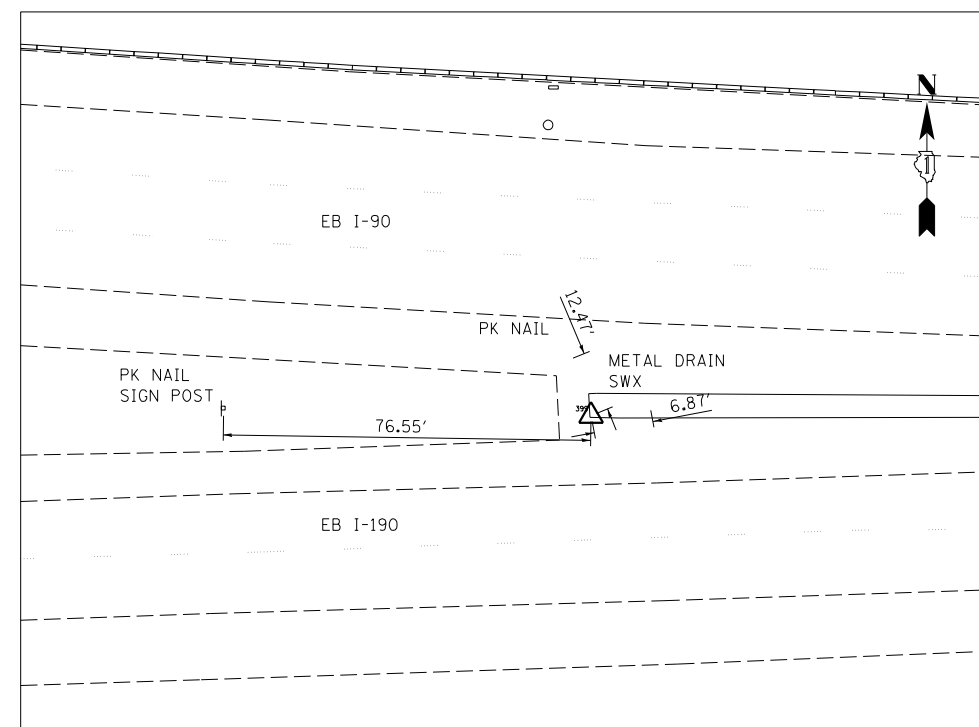
CONTROL POINT 392

ALLUMINUM ROD
 N 1937058.28
 E 1115019.78
 ELEV 635.03



CONTROL POINT 397

PK NAIL
 N 1936980.60
 E 1115223.84
 ELEV 635.93



CONTROL POINT 399

CUT CROSS
 N 1936996.06
 E 1115712.64
 ELEV 636.04



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	DRAWN - MT	REVISED -
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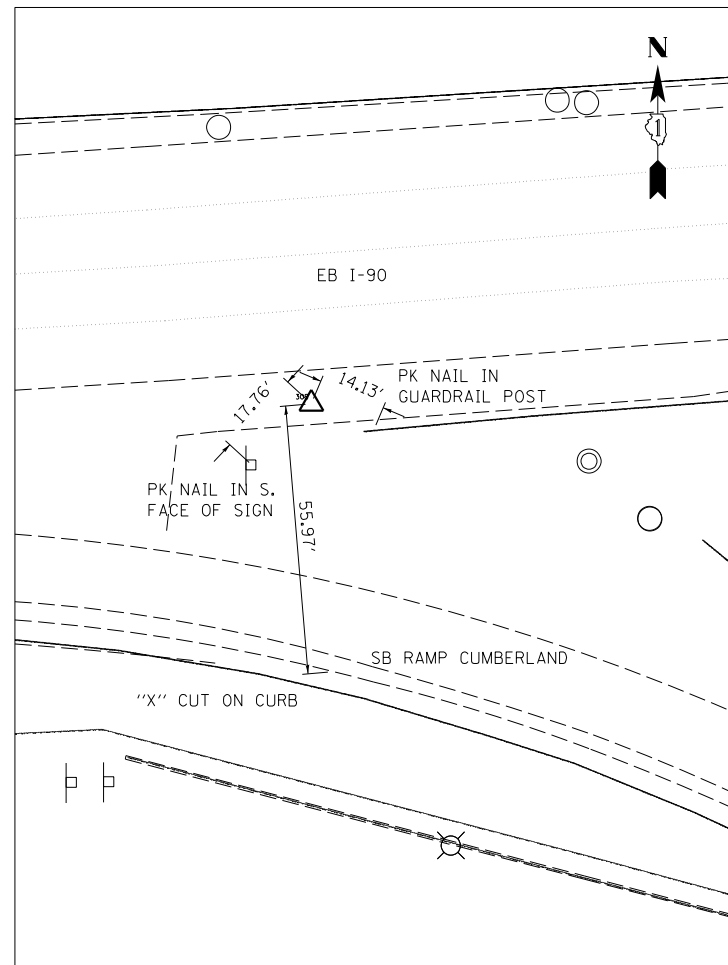
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS
 CUMBERLAND FLYOVER PROJECT

SCALE: 1" = 20' SHEET 4 OF 5 SHEETS STA. TO STA.

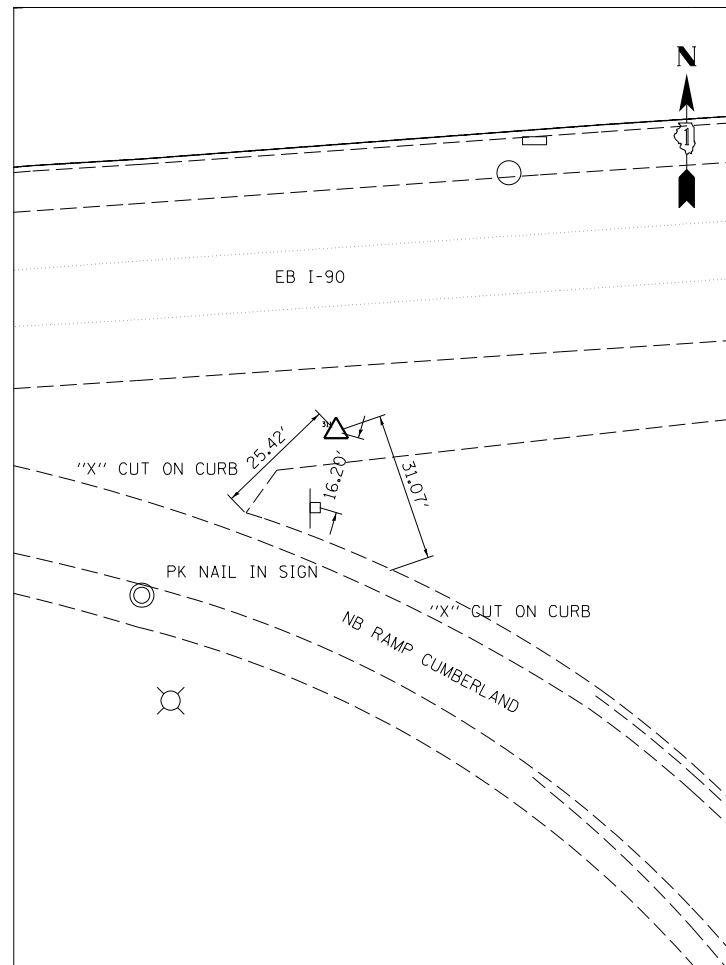
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	52
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

ATB-04



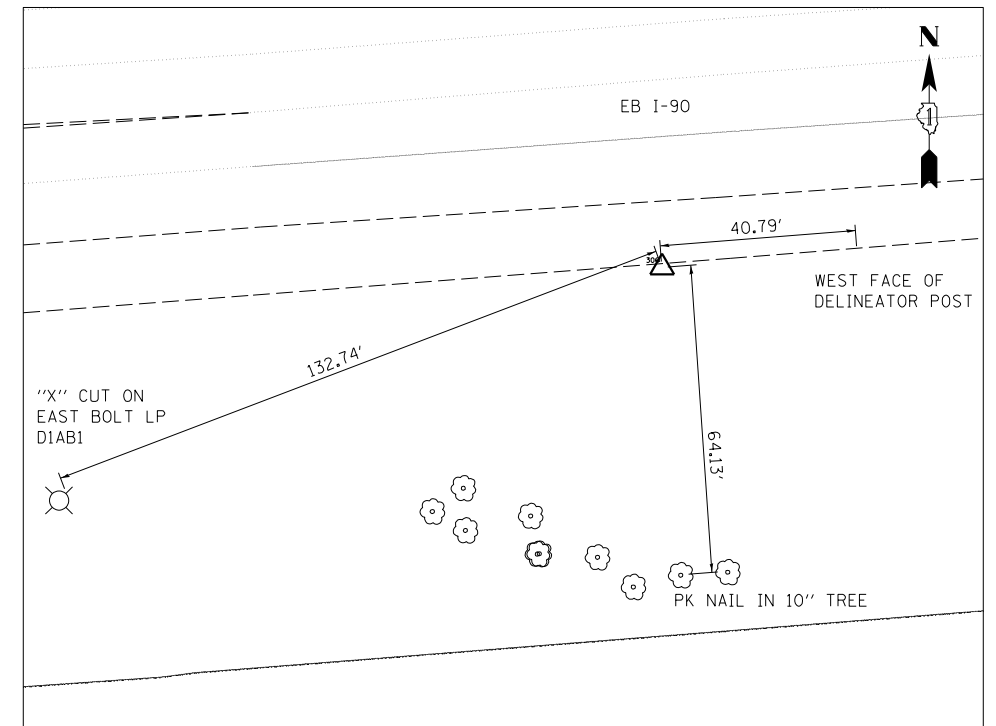
CONTROL POINT 309

MAG NAIL
 N 1937134.89
 E 1118331.10
 ELEV 638.72



CONTROL POINT 311

MAG NAIL
 N 1937229.48
 E 1119643.28
 ELEV 636.27



CONTROL POINT 306

IR W/ CAP
 N 1937019.65
 E 1116908.06
 ELEV 634.95



ATB-05

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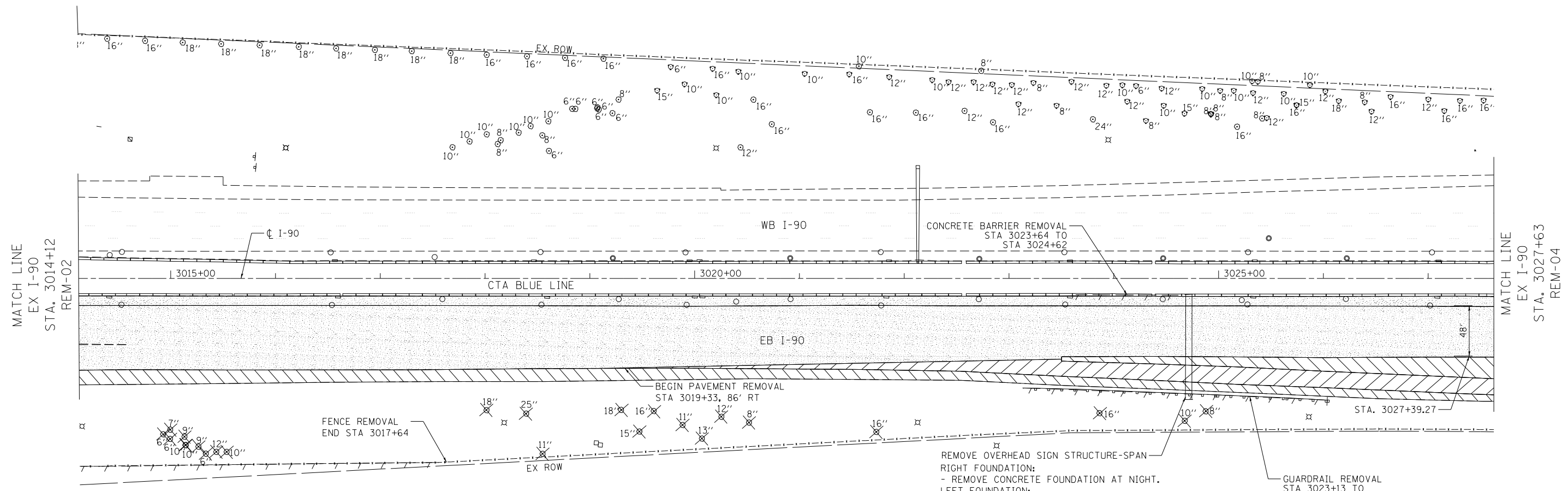
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PLOT DATE = \$DATE*	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS
 CUMBERLAND FLYOVER PROJECT

SCALE: 1" = 20' SHEET 5 OF 5 SHEETS STA. TO STA.

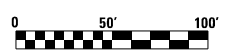
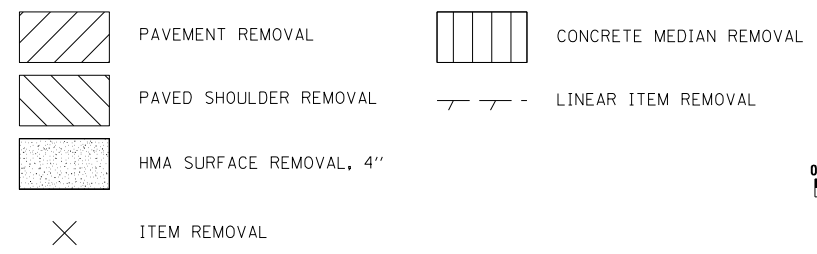
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	53
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	



NOTES

1. SEE LIGHTING PLANS, DRAINAGE PLANS AND PAVEMENT MARKING AND SIGNING PLANS FOR ADDITIONAL REMOVALS NOT SHOWN ON THIS PLAN.
2. SEE REMOVAL SCHEDULES FOR RAISED REFLECTIVE PAVEMENT MARKER REMOVAL.

REMOVAL LEGEND



FILE NAME: I:\Projects\2016\1-190_Cumberland\Drawings\Design\CADD_Sheets\060556_CADD_Sheets\060556-shr-rem-03.dgn



USER NAME = mikosir	DESIGNED - MA	REVISED -
	DRAWN - MA	REVISED -
PLOT SCALE = 1:8000 / 1/8\"/>		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY REMOVAL PLAN			
SCALE: 1" = 50'	SHEET 3	OF 4 SHEETS	STA. 3014+12 TO STA. 3027+63

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	56
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

REM-03

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
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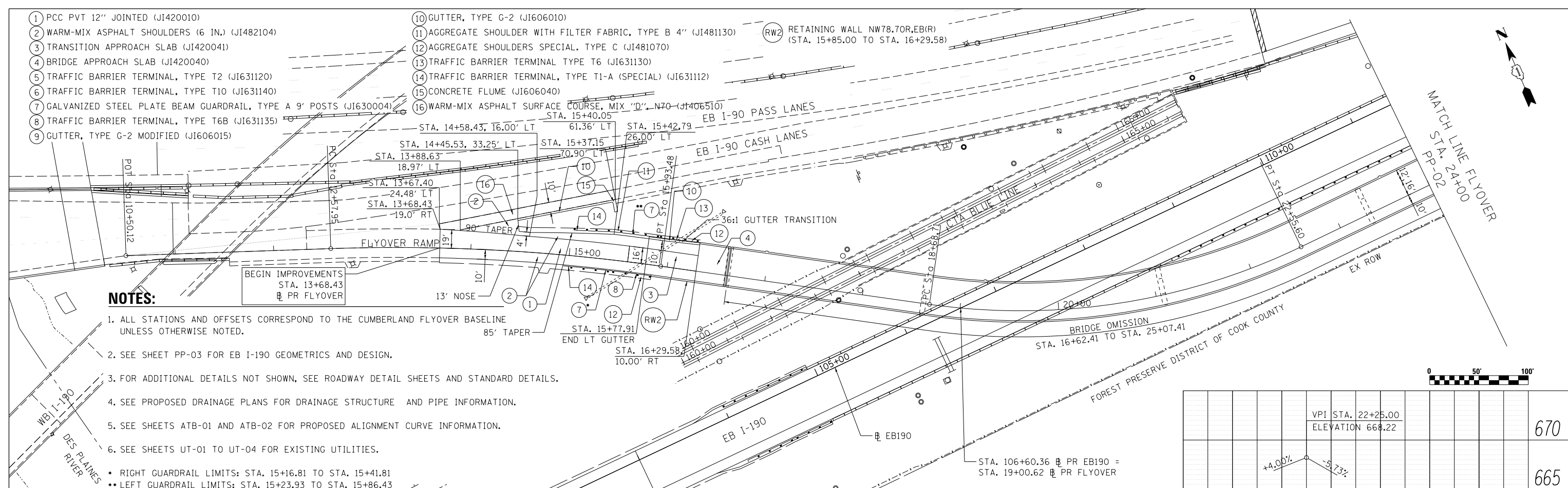
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	STRUCTURE NOTATIONS CHECKED	
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- 1 PCC PVT 12" JOINTED (JI420010)
- 2 WARM-MIX ASPHALT SHOULDERS (6 IN.) (JI482104)
- 3 TRANSITION APPROACH SLAB (JI420041)
- 4 BRIDGE APPROACH SLAB (JI420040)
- 5 TRAFFIC BARRIER TERMINAL, TYPE T2 (JI631120)
- 6 TRAFFIC BARRIER TERMINAL, TYPE T10 (JI631140)
- 7 GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A 9' POSTS (JI630004)
- 8 TRAFFIC BARRIER TERMINAL, TYPE T6B (JI631135)
- 9 GUTTER, TYPE G-2 MODIFIED (JI606015)

- 10 GUTTER, TYPE G-2 (JI606010)
- 11 AGGREGATE SHOULDER WITH FILTER FABRIC, TYPE B 4" (JI481130)
- 12 AGGREGATE SHOULDERS SPECIAL, TYPE C (JI481070)
- 13 TRAFFIC BARRIER TERMINAL TYPE T6 (JI631130)
- 14 TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL) (JI631112)
- 15 CONCRETE FLUME (JI606040)
- 16 WARM-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (JI406510)

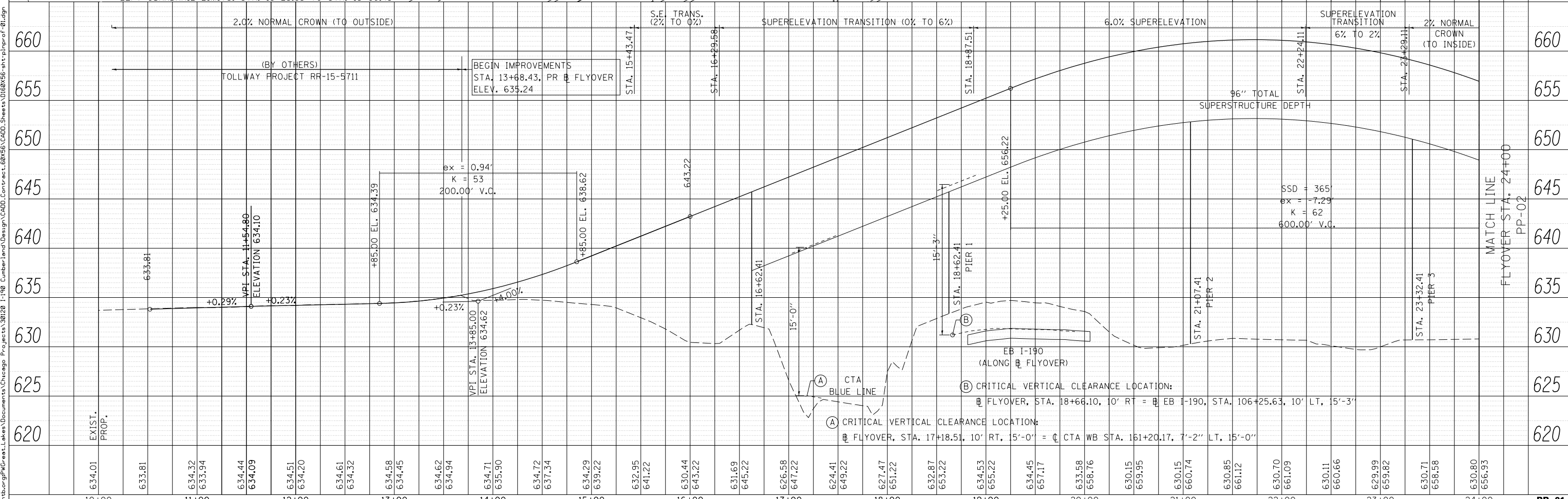
(RW2) RETAINING WALL NW78.70R,EB(R)
(STA. 15+85.00 TO STA. 16+29.58)



NOTES:

1. ALL STATIONS AND OFFSETS CORRESPOND TO THE CUMBERLAND FLYOVER BASELINE UNLESS OTHERWISE NOTED.
2. SEE SHEET PP-03 FOR EB I-190 GEOMETRICS AND DESIGN.
3. FOR ADDITIONAL DETAILS NOT SHOWN, SEE ROADWAY DETAIL SHEETS AND STANDARD DETAILS.
4. SEE PROPOSED DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.
5. SEE SHEETS ATB-01 AND ATB-02 FOR PROPOSED ALIGNMENT CURVE INFORMATION.
6. SEE SHEETS UT-01 TO UT-04 FOR EXISTING UTILITIES.

- RIGHT GUARDRAIL LIMITS: STA. 15+16.81 TO STA. 15+41.81
- LEFT GUARDRAIL LIMITS: STA. 15+23.93 TO STA. 15+86.43



634.01	633.81	634.32	633.94	634.44	634.09	634.51	634.20	634.61	634.32	634.58	634.45	634.62	634.94	634.71	635.90	634.72	637.34	634.29	639.22	632.95	641.22	630.44	643.22	631.69	645.22	626.58	647.22	624.41	649.22	627.47	651.22	632.87	653.22	634.53	655.22	634.45	657.17	633.58	658.76	630.15	659.95	630.15	660.74	630.85	661.12	630.70	661.09	630.11	660.66	629.99	659.82	630.71	658.58	630.80	656.93
10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00																																									



USER NAME = mkostr	DESIGNED - MMK/LLS	REVISED -
PLOT SCALE = 1:8000' / 1"	DRAWN - MMK/LLS	REVISED -
PLOT DATE = 7/28/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE	
CUMBERLAND FLYOVER RAMP	
SCALE: 1" = 50'	SHEET 1 OF 7 SHEETS
STA. 10+00.00	TO STA. 24+00.00

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 58
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

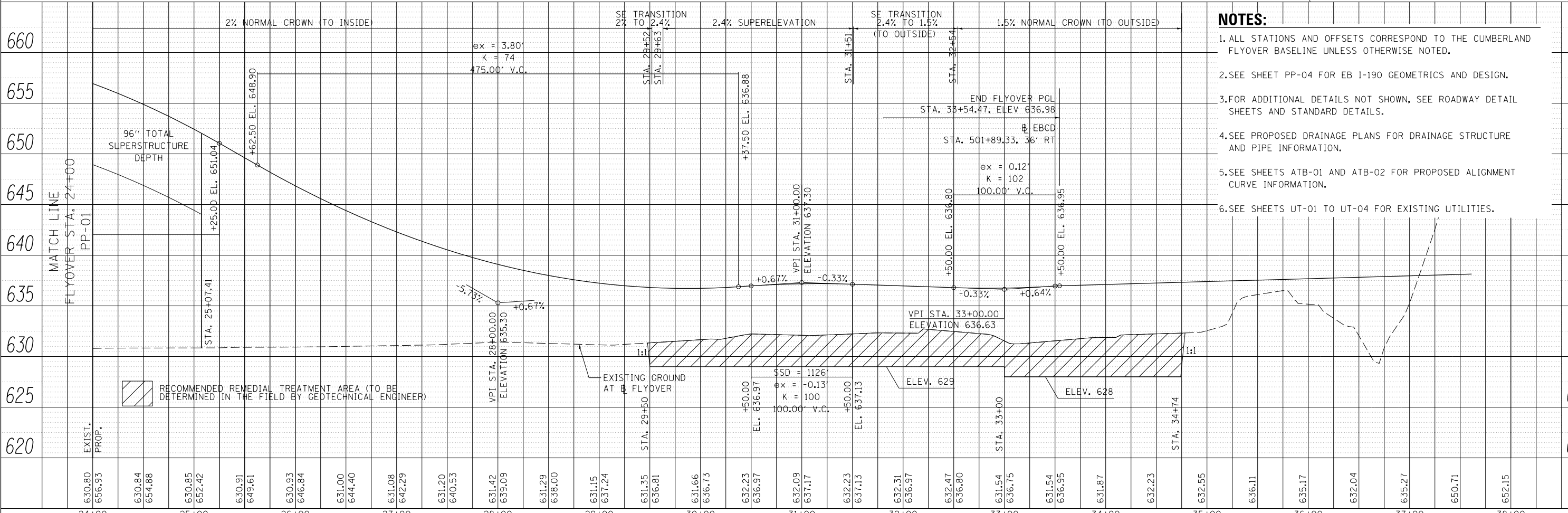
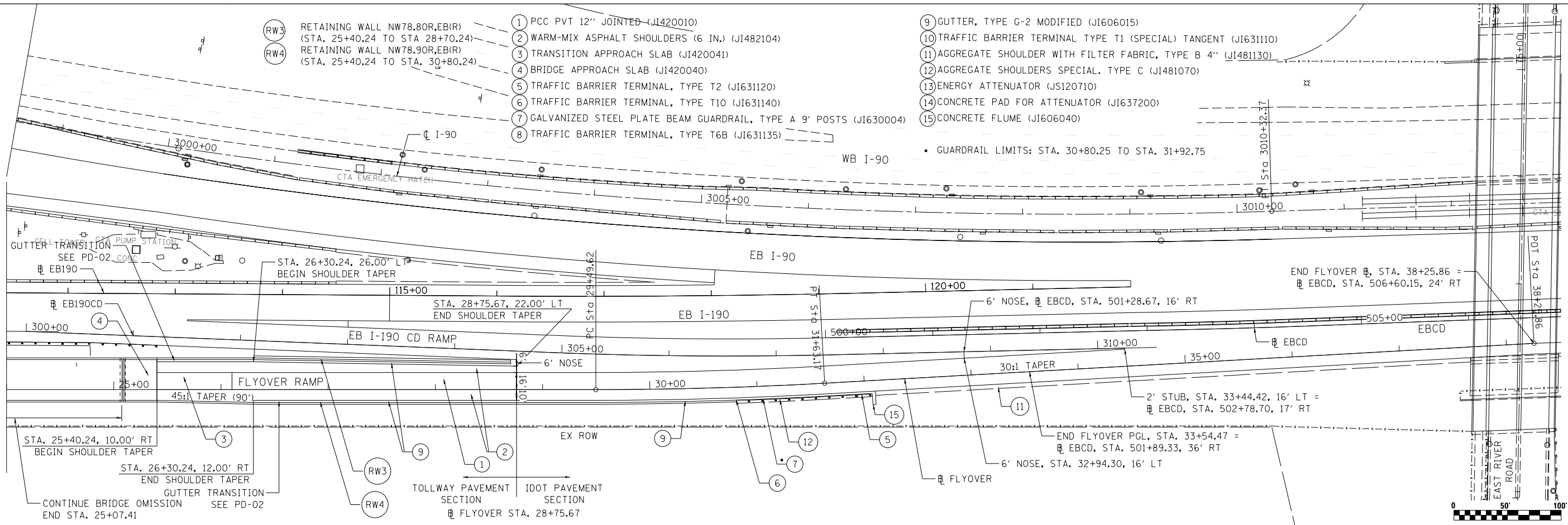
PP-01

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
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MATCH LINE FLYOVER
STA. 24+00
PP-01



- NOTES:**
1. ALL STATIONS AND OFFSETS CORRESPOND TO THE CUMBERLAND FLYOVER BASELINE UNLESS OTHERWISE NOTED.
 2. SEE SHEET PP-04 FOR EB I-190 GEOMETRICS AND DESIGN.
 3. FOR ADDITIONAL DETAILS NOT SHOWN, SEE ROADWAY DETAIL SHEETS AND STANDARD DETAILS.
 4. SEE PROPOSED DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.
 5. SEE SHEETS ATB-01 AND ATB-02 FOR PROPOSED ALIGNMENT CURVE INFORMATION.
 6. SEE SHEETS UT-01 TO UT-04 FOR EXISTING UTILITIES.



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PLOT DATE = 6/1/2016	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE	
CUMBERLAND FLYOVER RAMP	
SCALE: 1" = 50'	SHEET 2 OF 7 SHEETS
STA. 24+00.00	TO STA. 35+00.00

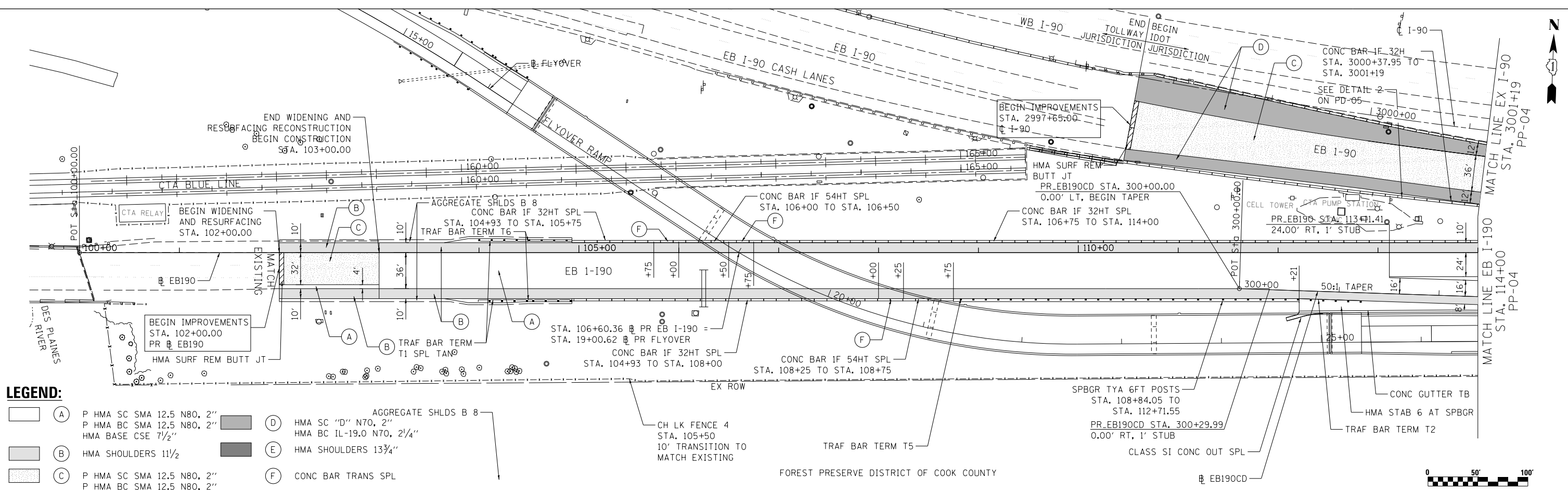
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	59
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

PP-02

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

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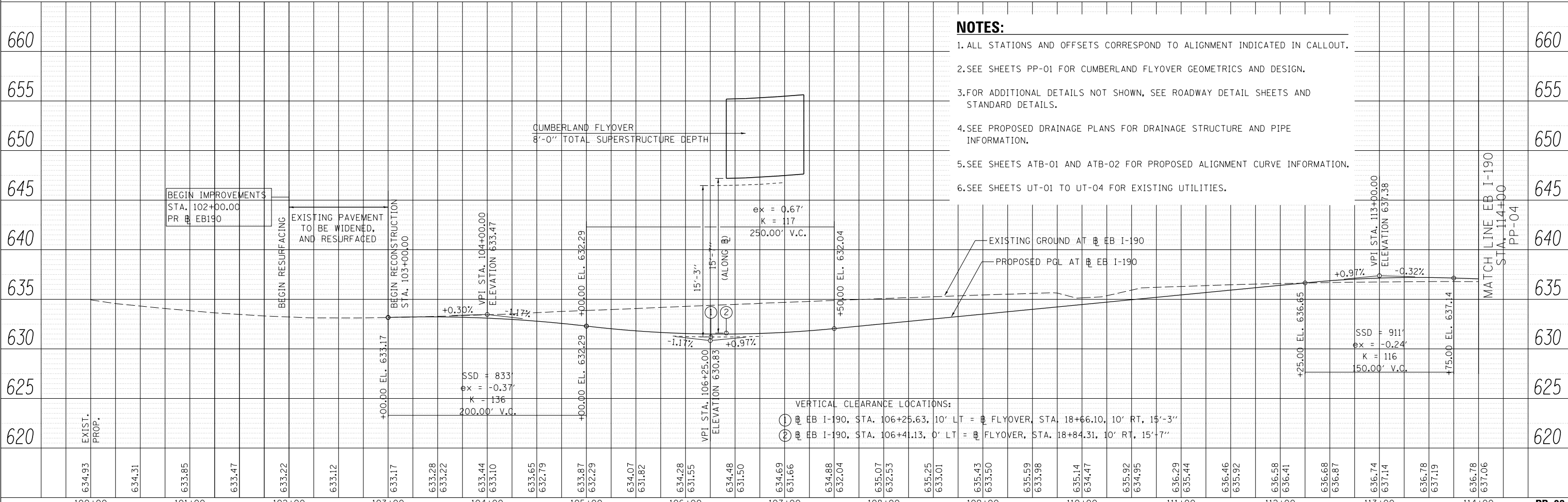


LEGEND:

- (A) P HMA SC SMA 12.5 N80, 2"
- (B) P HMA BC SMA 12.5 N80, 2"
- (C) P HMA SC SMA 12.5 N80, 2"
- (D) HMA SC "D" N70, 2"
- (E) HMA SHOULDERS 13 3/4"
- (F) CONC BAR TRANS SPL

NOTES:

- ALL STATIONS AND OFFSETS CORRESPOND TO ALIGNMENT INDICATED IN CALLOUT.
- SEE SHEETS PP-01 FOR CUMBERLAND FLYOVER GEOMETRICS AND DESIGN.
- FOR ADDITIONAL DETAILS NOT SHOWN, SEE ROADWAY DETAIL SHEETS AND STANDARD DETAILS.
- SEE PROPOSED DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.
- SEE SHEETS ATB-01 AND ATB-02 FOR PROPOSED ALIGNMENT CURVE INFORMATION.
- SEE SHEETS UT-01 TO UT-04 FOR EXISTING UTILITIES.



100+00	101+00	102+00	103+00	104+00	105+00	106+00	107+00	108+00	109+00	110+00	111+00	112+00	113+00	114+00	PP-03
634.93	634.31	633.85	633.47	633.22	633.12	633.17	633.28	633.22	633.44	633.10	633.65	632.79	633.87	632.29	634.07
631.82	631.55	634.28	631.55	634.48	631.50	634.69	631.66	634.88	632.04	635.07	632.53	635.25	633.01	635.43	633.50
635.59	633.98	635.14	634.47	635.92	634.95	636.29	635.44	636.46	635.92	636.58	636.41	636.68	636.87	636.74	637.14
636.78	637.19	636.78	637.19	636.78	637.19	636.78	637.19	636.78	637.19	636.78	637.19	636.78	637.19	636.78	637.19



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PLOT SCALE = 1:8000 / 1"	DRAWN - MMK/LLS	REVISED -
PLOT DATE = 6/1/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE	
EASTBOUND I-190	
SCALE: 1" = 50'	SHEET 3 OF 7 SHEETS
STA. 100+00.00	TO STA. 114+00.00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	60
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

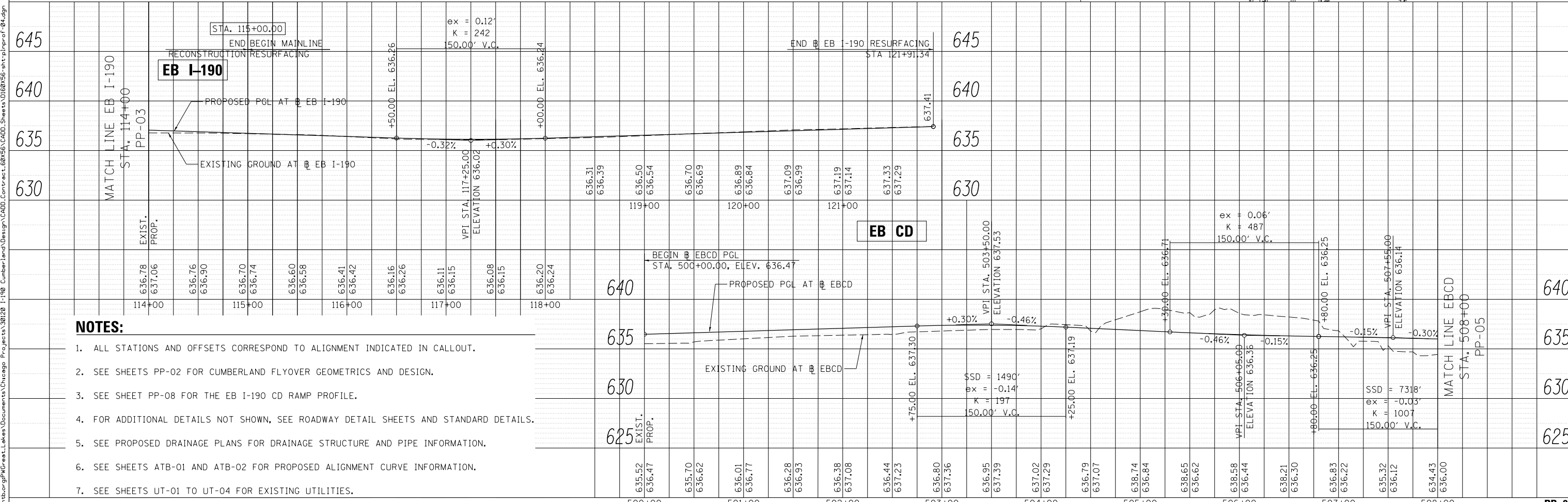
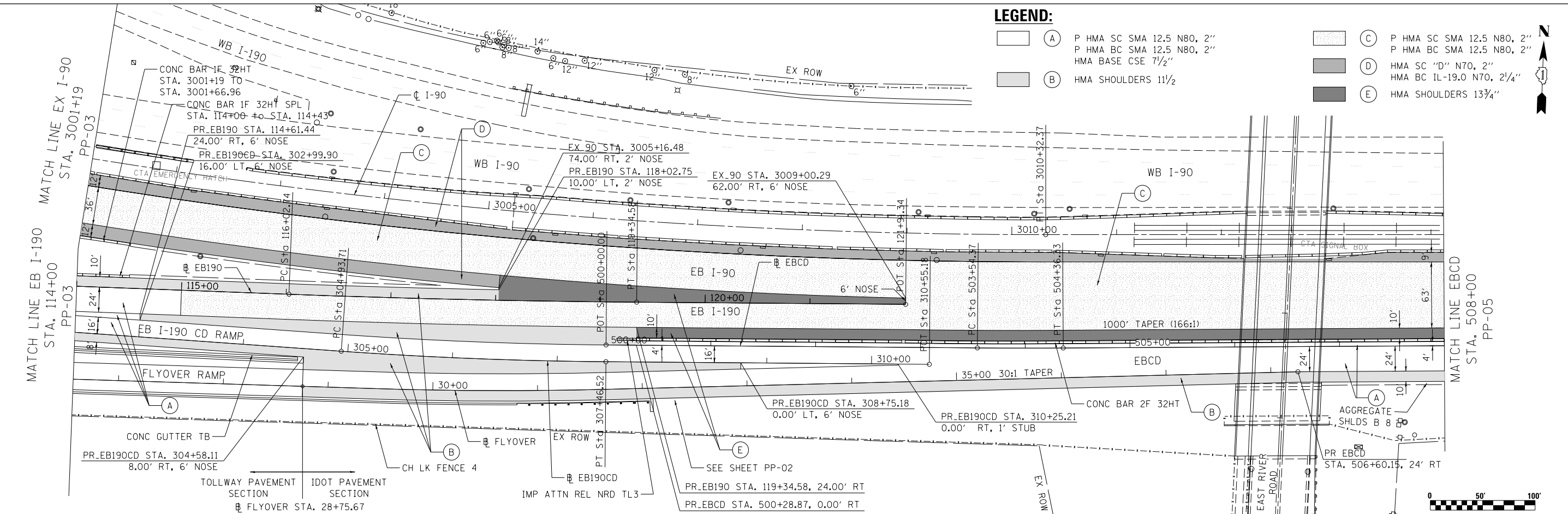
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	PLOTTED		
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	ALIGNED		
	FILE NAME		

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	PLOTTED		
	CHECKED		
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	NOT AT THIS OFFICE		

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LEGEND:

(A)	P HMA SC SMA 12.5 N80, 2"	(C)	P HMA SC SMA 12.5 N80, 2"
(B)	P HMA BC SMA 12.5 N80, 2"	(D)	P HMA BC SMA 12.5 N80, 2"
	HMA BASE CSE 7 1/2"	(E)	HMA SC "D" N70, 2"
			HMA BC IL-19.0 N70, 2 1/4"
			HMA SHOULDERS 11 1/2"
			HMA SHOULDERS 13 3/4"



- NOTES:**
- ALL STATIONS AND OFFSETS CORRESPOND TO ALIGNMENT INDICATED IN CALLOUT.
 - SEE SHEETS PP-02 FOR CUMBERLAND FLYOVER GEOMETRICS AND DESIGN.
 - SEE SHEET PP-08 FOR THE EB I-190 CD RAMP PROFILE.
 - FOR ADDITIONAL DETAILS NOT SHOWN, SEE ROADWAY DETAIL SHEETS AND STANDARD DETAILS.
 - SEE PROPOSED DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.
 - SEE SHEETS ATB-01 AND ATB-02 FOR PROPOSED ALIGNMENT CURVE INFORMATION.
 - SEE SHEETS UT-01 TO UT-04 FOR EXISTING UTILITIES.



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PLOT DATE = 6/1/2016	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE	
EB I-190 AND EB CD ROAD	
SCALE: 1" = 50'	SHEET 4 OF 7 SHEETS
STA. 114+00.00 TO STA. 508+00.00	

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	61
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

PP-04

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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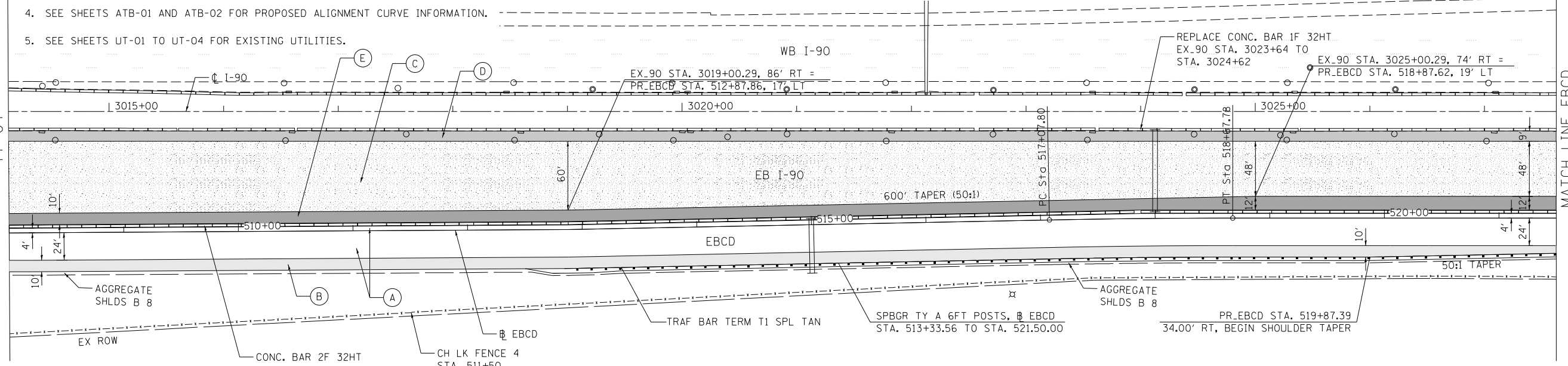
NOTES:

- ALL STATIONS AND OFFSETS CORRESPOND TO ALIGNMENT INDICATED IN CALLOUT.
- FOR ADDITIONAL DETAILS NOT SHOWN, SEE ROADWAY DETAIL SHEETS AND STANDARD DETAILS.
- SEE PROPOSED DRAINAGE PLANS FOR DRAINAGE STRUCTURE AND PIPE INFORMATION.
- SEE SHEETS ATB-01 AND ATB-02 FOR PROPOSED ALIGNMENT CURVE INFORMATION.
- SEE SHEETS UT-01 TO UT-04 FOR EXISTING UTILITIES.

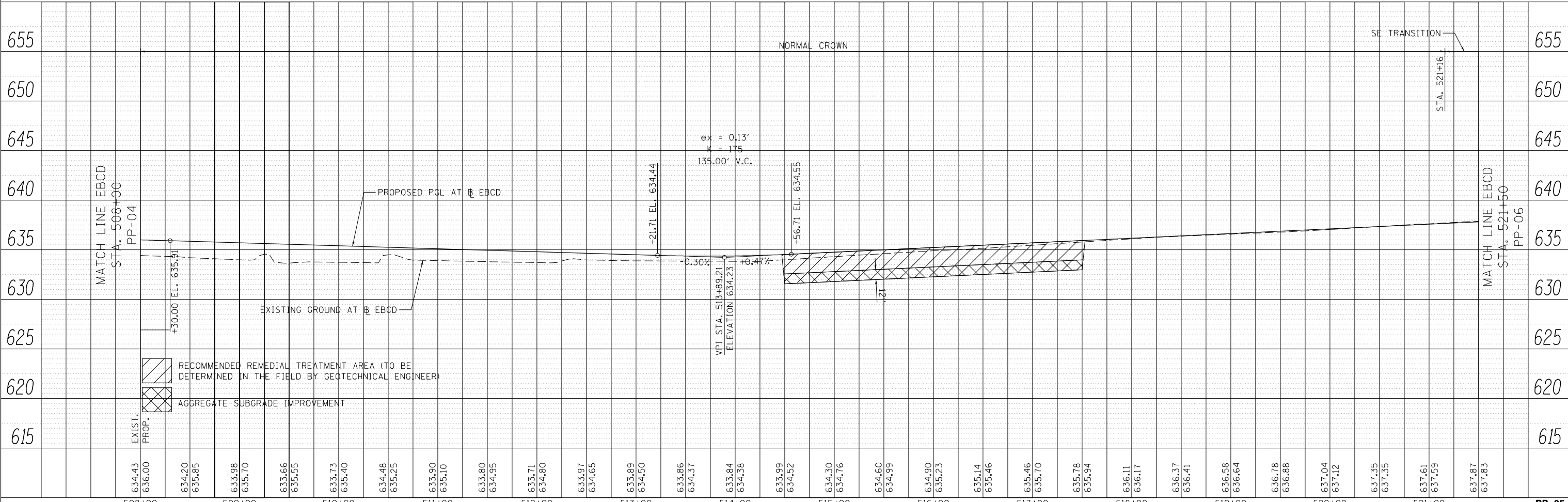
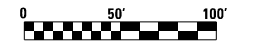
LEGEND:

- (A) P HMA SC SMA 12.5 N80, 2"
- (B) HMA SHOULDERS 11 1/2"
- (C) P HMA SC SMA 12.5 N80, 2"
- (D) HMA SC "D" N70, 2"
- (E) HMA SHOULDERS 13 3/4"
- (F) P HMA BC SMA 12.5 N80, 2"
- (G) HMA BC 1L-19.0 N70, 2 1/4"

MATCH LINE EB CD
STA. 508+00
PP-04



MATCH LINE EB CD
STA. 521+50
PP-06



USER NAME = mkostr	DESIGNED - MMK/LLS	REVISED -
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PLOT DATE = 4/27/2016	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE
EASTBOUND CD ROAD

SCALE: 1" = 50' SHEET 5 OF 7 SHEETS STA. 508+00.00 TO STA. 521+50.00

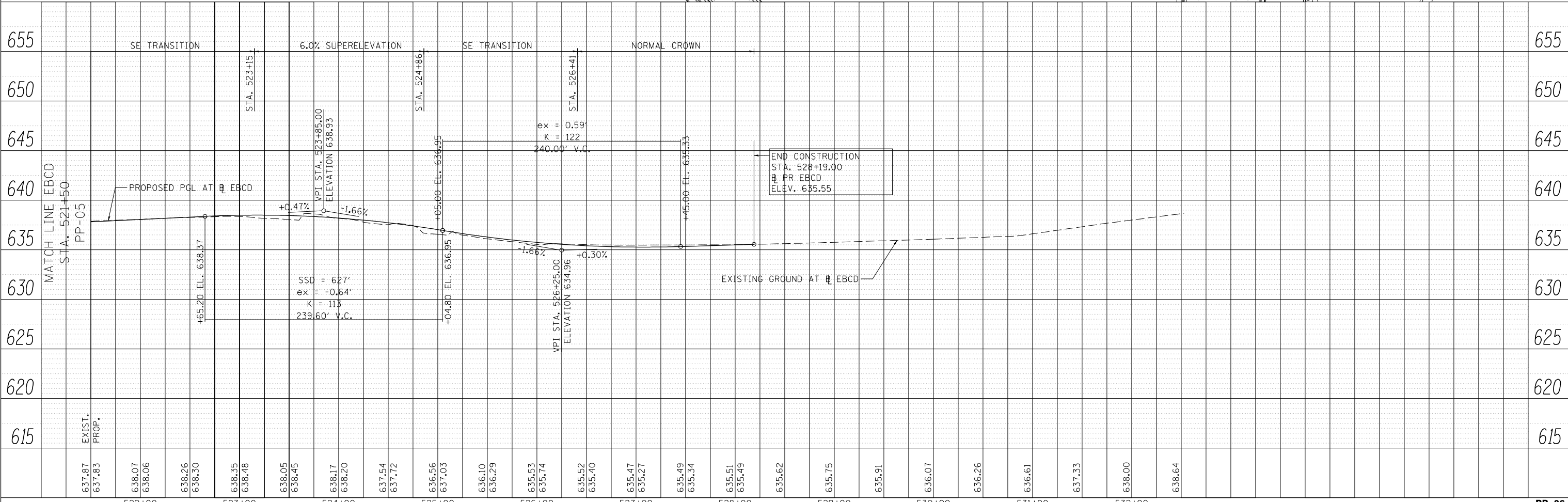
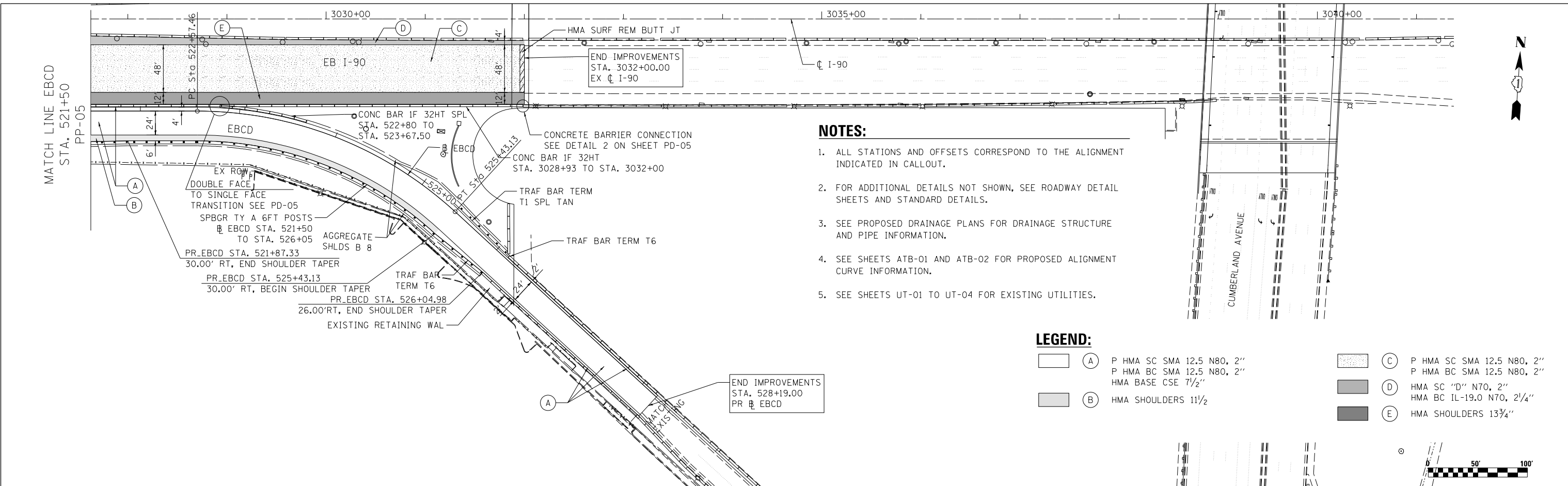
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	62
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

PP-05

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	BY	
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NOTE BOOK NO.	GRADES CHECKED	
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PLOT DATE = 4/27/2016	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 50'		SHEET 6 OF 7 SHEETS		STA. 521+50.00 TO STA. 528+19.00	
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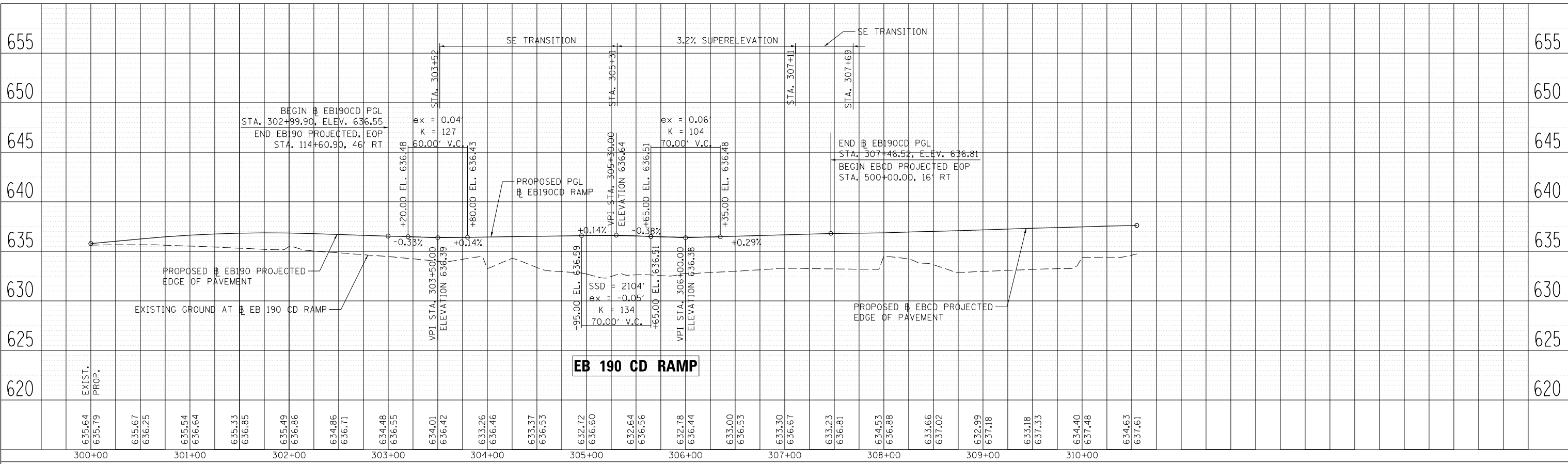
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	63
CONTRACT NO. 60X56				ILLINOIS FED. AID PROJECT

PP-06

PLAN	SURVEYED	BY	DATE
	PLOTTED		
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635.64	635.79	635.67	636.25	635.54	636.64	635.33	636.85	635.49	636.86	634.86	636.71	634.48	636.55	634.01	636.42	633.26	636.46	633.37	636.53	632.72	636.60	632.64	636.56	632.78	636.44	633.00	636.53	633.30	636.67	633.23	636.81	634.53	636.88	633.66	637.02	632.99	637.18	633.18	637.33	634.40	637.48	634.63	637.61	
300+00	301+00	302+00	303+00	304+00	305+00	306+00	307+00	308+00	309+00	310+00																																		



USER NAME = mksosir	DESIGNED - MMK/LLS	REVISED -
PLOT SCALE = 1.0000' / 1"	DRAWN - MMK/LLS	REVISED -
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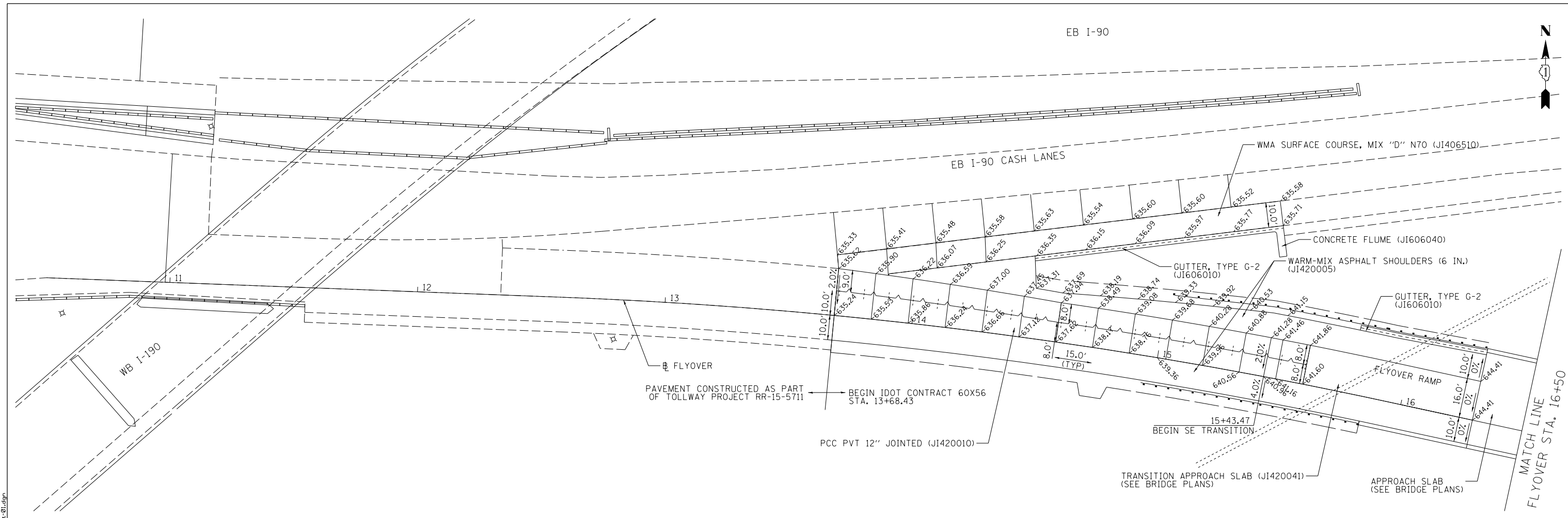
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PROFILE EB I-190 CD RAMP			
SCALE: 1" = 50'	SHEET 7	OF 7 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	64
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

PP-07

FILE NAME: \\hntb\5555\hntb\org\PC\res\lakes\Documents\Cumbarp Project\30120 1-190_Cumberland\Drawings\2016\Contract_60X56\sh\tr\p\joint-01.dgn



LEGEND

LONGITUDINAL SAWED JOINT OR LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CENTERS.

NOTES:

- ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
- ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON TOLLWAY STANDARD A7 AND IDOT HIGHWAY STANDARD 420001, EXCEPT EXPANSION JOINT SEALS SHALL BE AS DESCRIBED IN THE SPECIAL PROVISION, BONDED PREFORMED JOINT SEAL.
- FOR ALL GEOMETRIC INFORMATION SEE PLAN AND PROFILE SHEETS.
- ELEVATIONS ARE FOR INFORMATION ONLY AND SHOWN AT 20' INTERVALS UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.



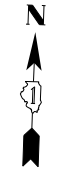
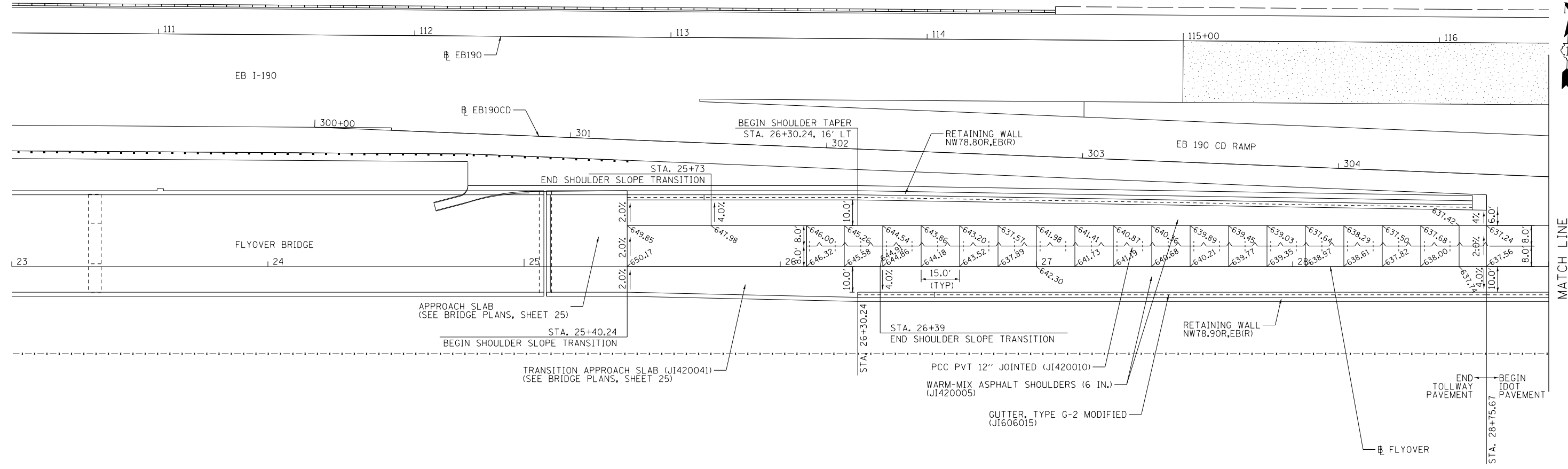
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PLOT DATE = 7/28/2016	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT JOINTING PLAN
CUMBERLAND FLYOVER**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	65
CONTRACT NO. 60X56			JT-01	
ILLINOIS FED. AID PROJECT				



MATCH LINE
FLYOVER STA. 29+00

LEGEND

LONGITUDINAL SAWED JOINT OR LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CENTERS.

NOTES:

- ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
- ALL PAVEMENT JOINTS SHALL BE DETAILED AS SHOWN ON TOLLWAY STANDARD A7 AND IDOT HIGHWAY STANDARD 420001, EXCEPT EXPANSION JOINT SEALS SHALL BE AS DESCRIBED IN THE SPECIAL PROVISION, BONDED PREFORMED JOINT SEAL.
- FOR ALL GEOMETRIC INFORMATION SEE PLAN AND PROFILE SHEETS.
- ELEVATIONS ARE FOR INFORMATION ONLY AND SHOWN AT 20' INTERVALS UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.



JT-02



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	DRAWN -	REVISED -
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PLOT DATE = 7/28/2016	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

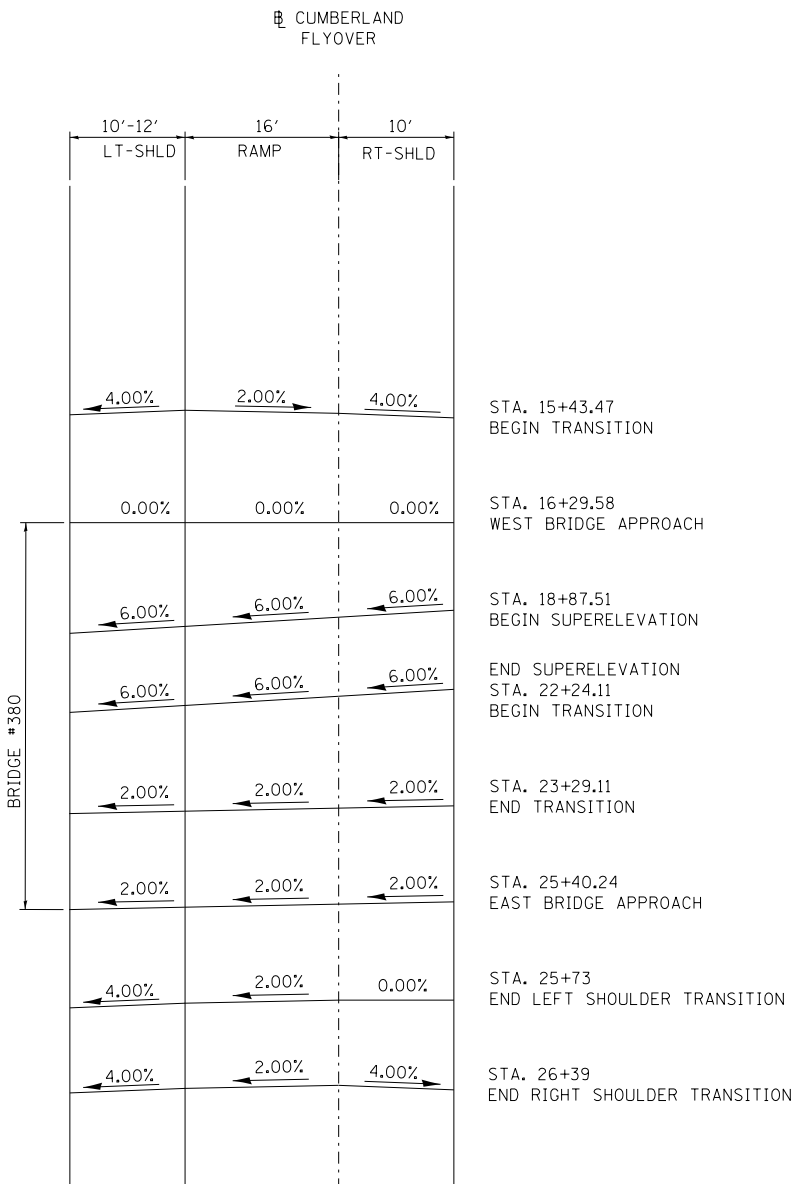
PAVEMENT JOINTING PLAN
CUMBERLAND FLYOVER

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	66
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

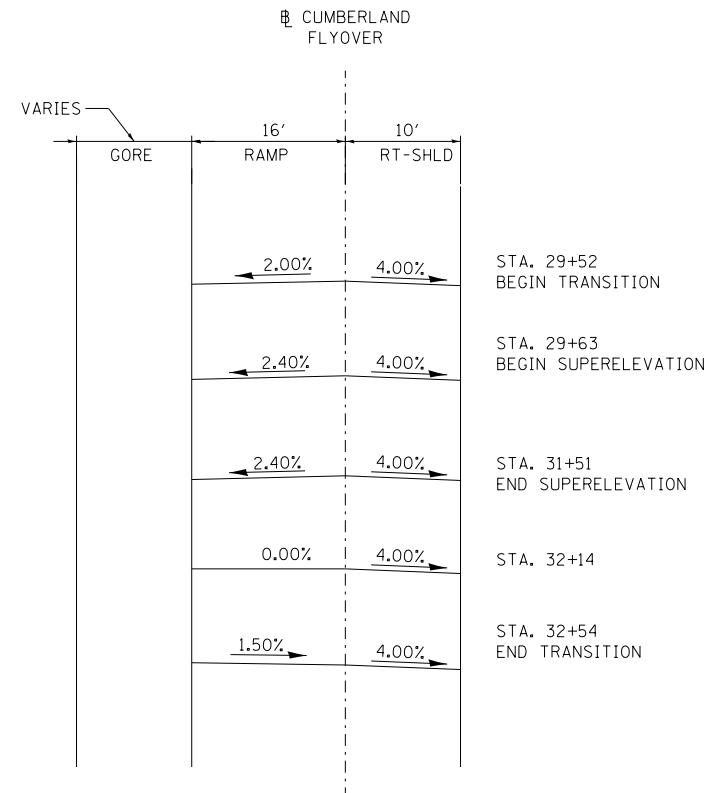
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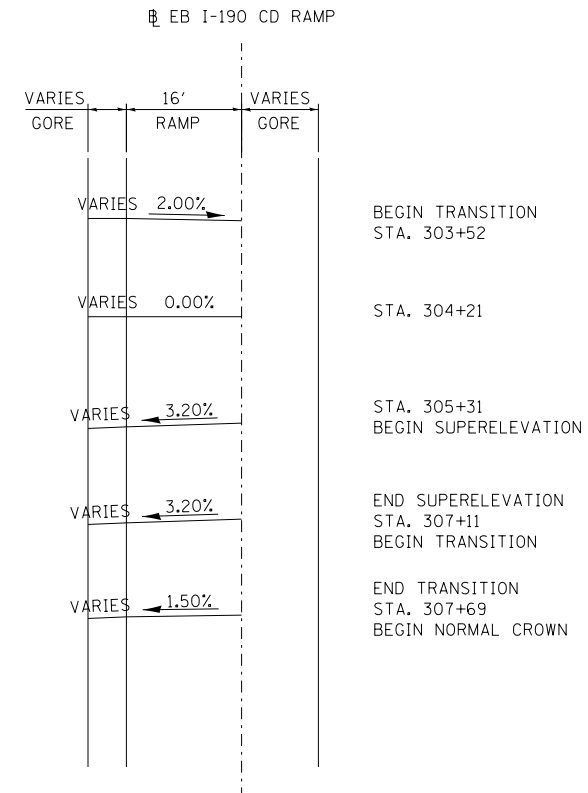
SUPERELEVATION TRANSITION DETAIL

STA. 15+43.47 TO STA. 26+39
CUMBERLAND FLYOVER



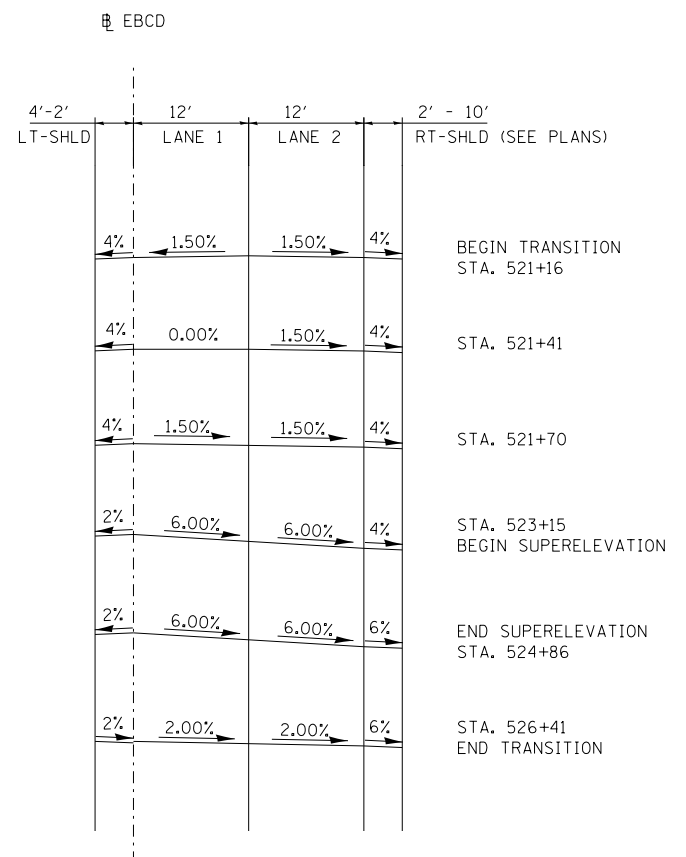
SUPERELEVATION TRANSITION DETAIL

STA. 29+52 TO STA. 32+54
CUMBERLAND FLYOVER



SUPERELEVATION TRANSITION DETAIL

STA. 303+52 TO STA. 307+69
EASTBOUND I-190 CD RAMP



SUPERELEVATION TRANSITION DETAIL

STA. 521+16 TO STA. 526+41
EASTBOUND CD ROAD



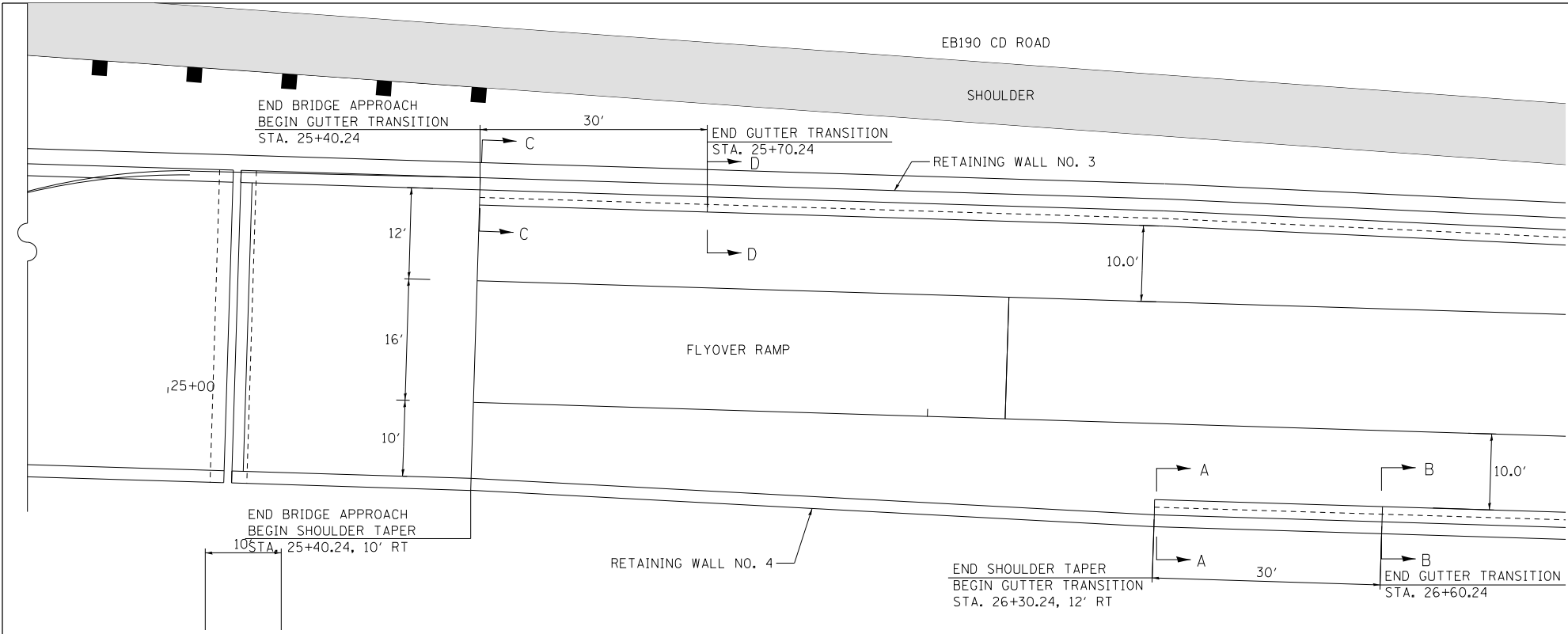
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

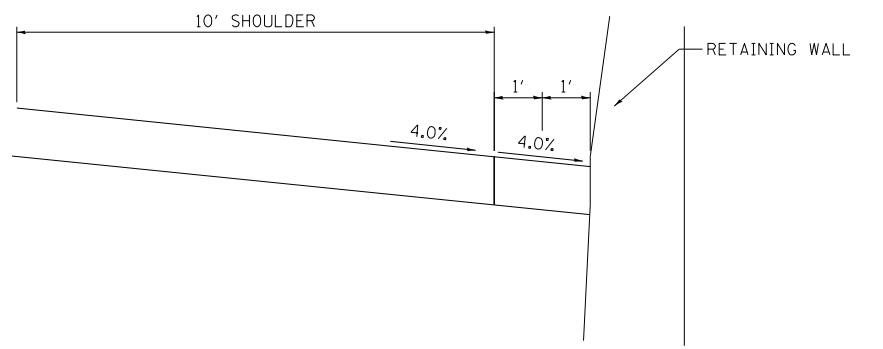
ROADWAY DETAILS			
SUPERELEVATION TRANSITION DETAILS - CUMBERLAND FLYOVER			
SCALE: N.T.S.	SHEET 1	OF 6 SHEETS	STA. TO STA.

F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 67
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

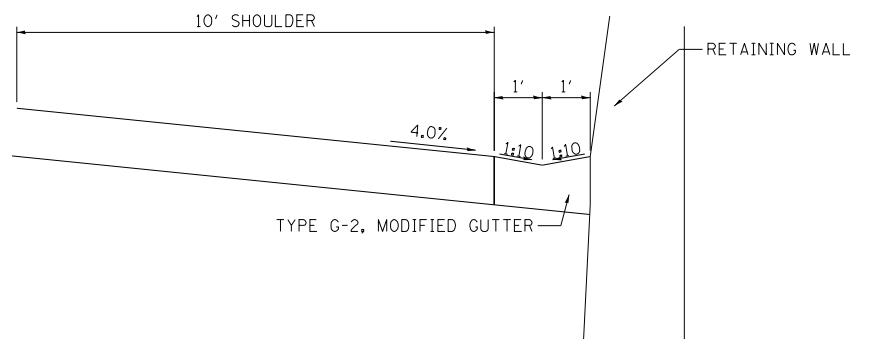
PD-01



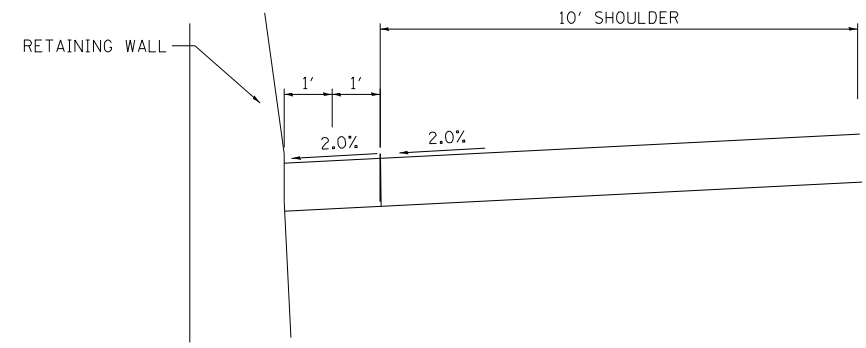
PLAN



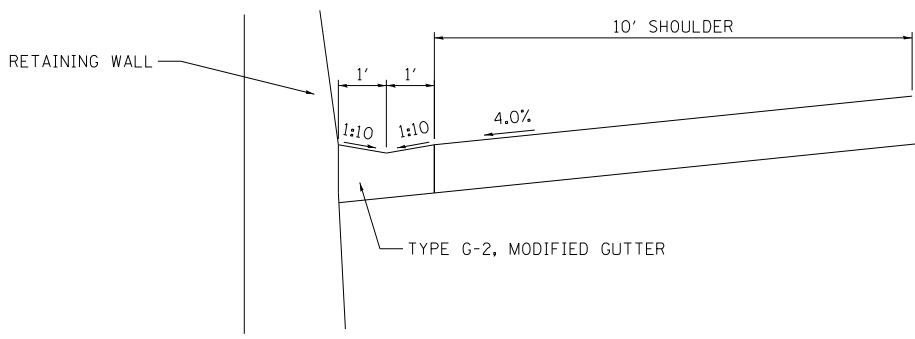
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

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PLOT DATE = 4/28/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

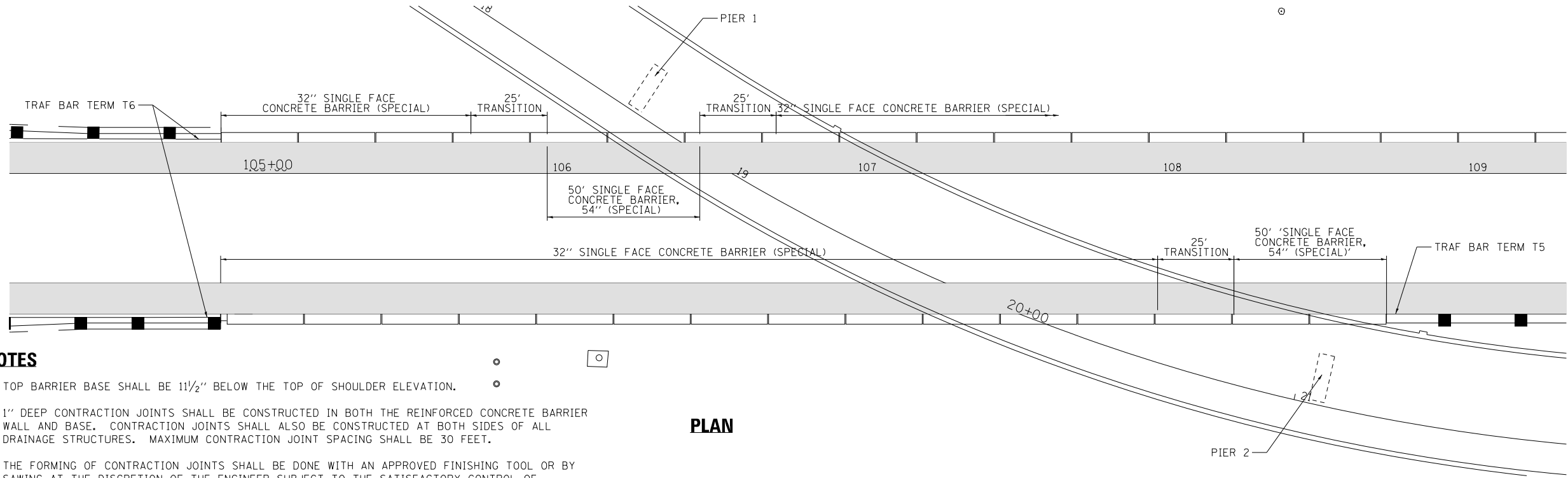
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
RETAINING WALLS 3 AND 4 GUTTER TRANSITION DETAIL**

SCALE: N.T.S. SHEET 2 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	68
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

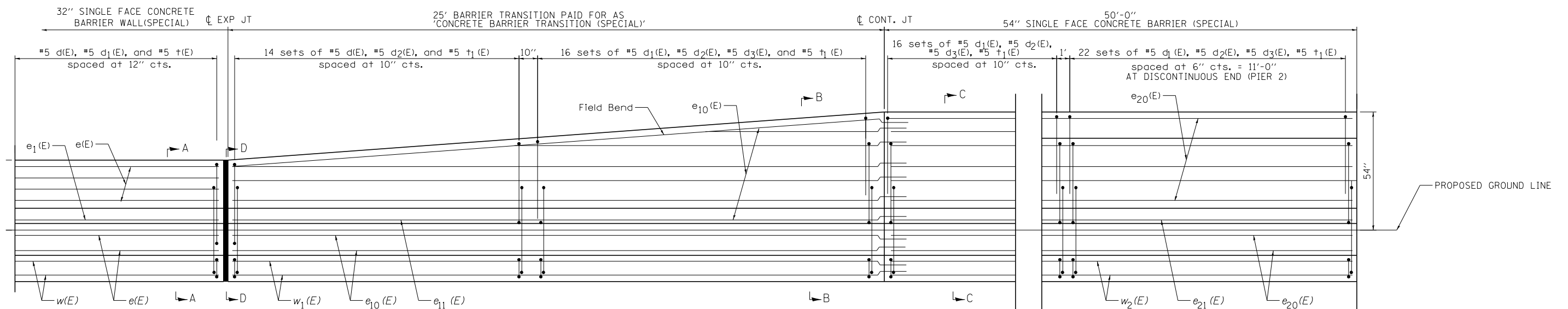
PD-02



NOTES

1. TOP BARRIER BASE SHALL BE 1 1/2" BELOW THE TOP OF SHOULDER ELEVATION.
2. 1" DEEP CONTRACTION JOINTS SHALL BE CONSTRUCTED IN BOTH THE REINFORCED CONCRETE BARRIER WALL AND BASE. CONTRACTION JOINTS SHALL ALSO BE CONSTRUCTED AT BOTH SIDES OF ALL DRAINAGE STRUCTURES. MAXIMUM CONTRACTION JOINT SPACING SHALL BE 30 FEET.
3. THE FORMING OF CONTRACTION JOINTS SHALL BE DONE WITH AN APPROVED FINISHING TOOL OR BY SAWING AT THE DISCRETION OF THE ENGINEER SUBJECT TO THE SATISFACTORY CONTROL OF CRACKING.
4. REINFORCEMENT BARS DESIGNATED "(E)" SHALL BE EPOXY COATED.
5. REINFORCEMENT BARS BENDING DETAILS SHALL BE IN ACCORDANCE WITH THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315, LATEST EDITION.
6. REINFORCEMENT BARS BENDING DIMENSIONS ARE OUT TO OUT.
7. EXPANSION JOINTS SHALL BE CONSTRUCTED IN BARRIER WALL AT MAXIMUM JOINT SPACING OF 90 FEET. SEE SECTION FOR DETAILS.
8. MINIMUM LENGTH OF INSTALLATION SHALL BE 25 FEET.
9. MINIMUM EXPANSION JOINT SPACING SHALL BE 25'-0".
10. FOR SECTIONS A-A, B-B, C-C, AND D-D, SEE SHEET PD-05.

PLAN



CONCRETE BARRIER (SPECIAL) ELEVATION

FILE NAME: \\hntb\p0356\hntb\p0356\hntb\p0356\Documents\Chicago\Projects\30120-1-190_Cumberland\Drawings\CADD\Contract\60X56\CADD_Sheets\0160X56-sh1-detailed-03.dgn



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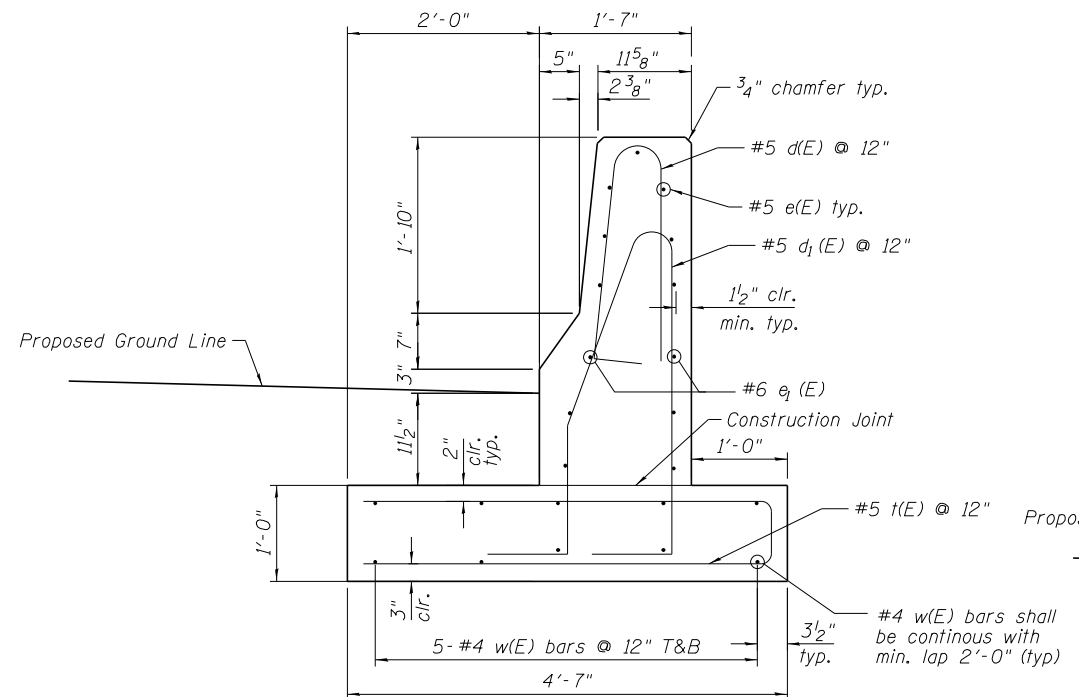
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS			
CONCRETE BARRIER (SPECIAL) DETAILS			
SCALE: N.T.S.	SHEET 3	OF 6 SHEETS	STA. N/A TO STA. N/A

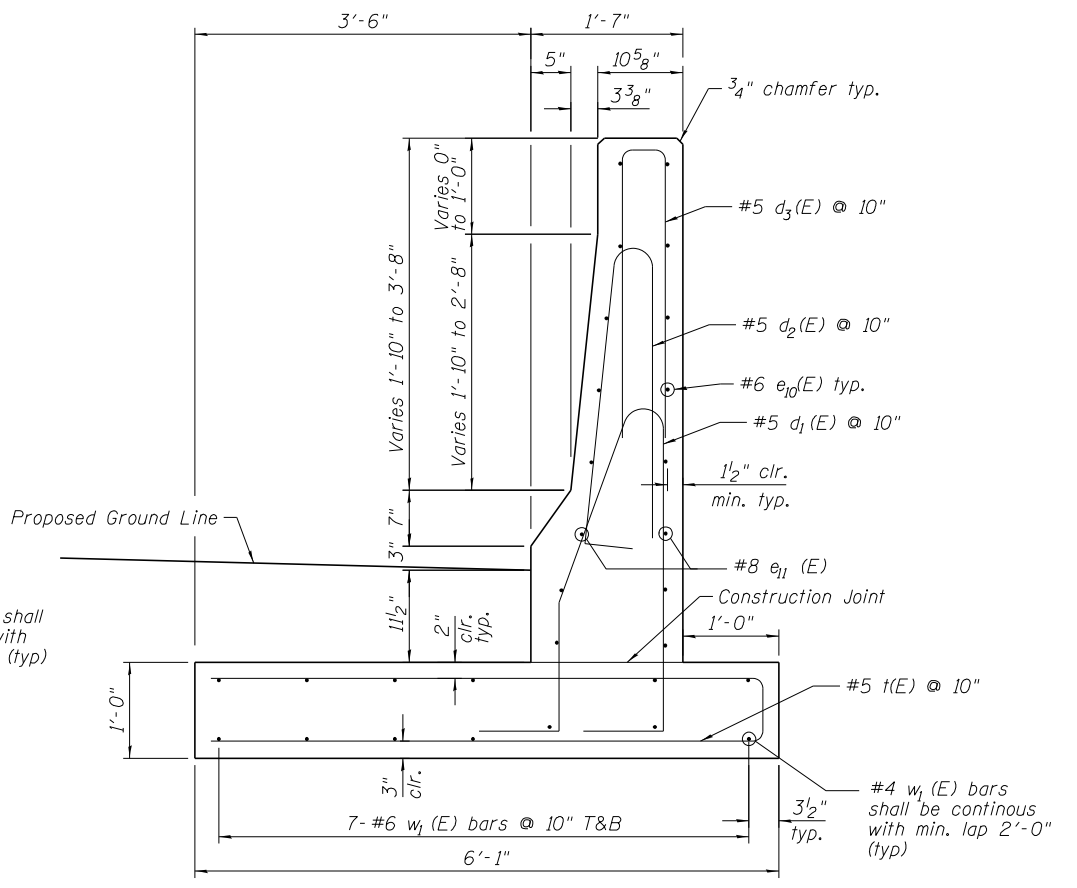
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	69
			CONTRACT NO. 60X56	
ILLINOIS FED. AID PROJECT				

PD-03

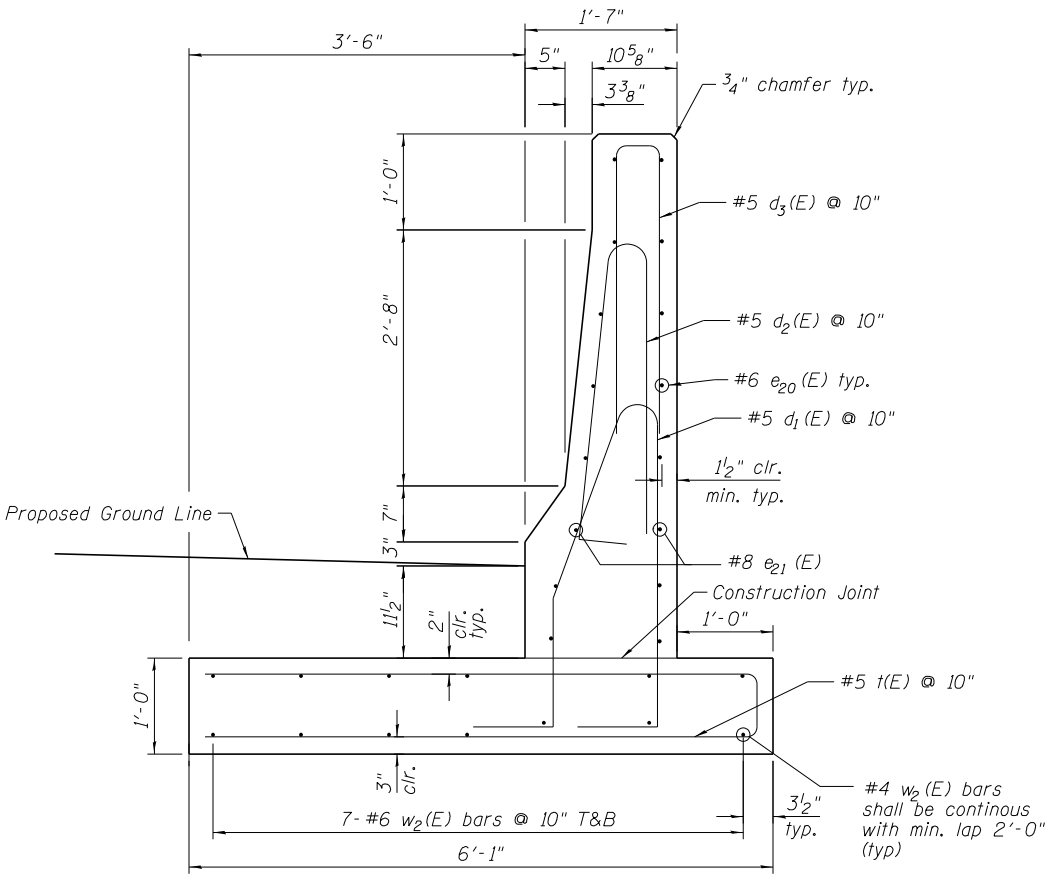
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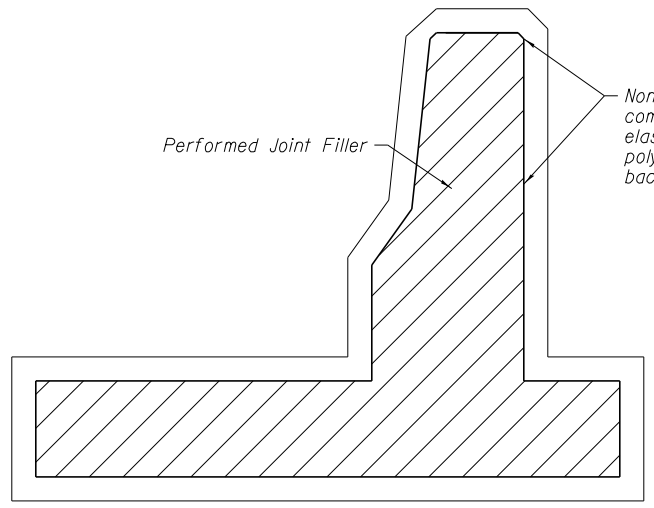
SECTION A-A
CONCRETE BARRIER,
SINGLE FACE, 32" (SPECIAL)



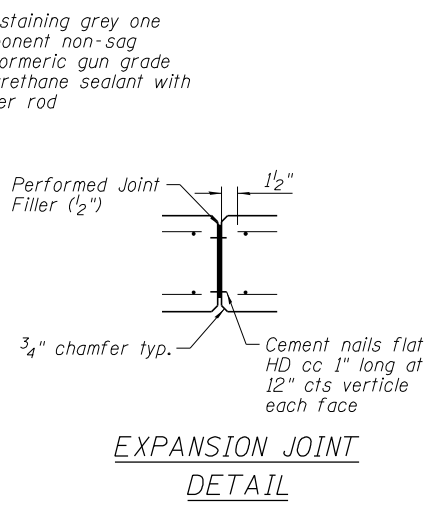
SECTION B-B
CONCRETE BARRIER
TRANSITION (SPECIAL)



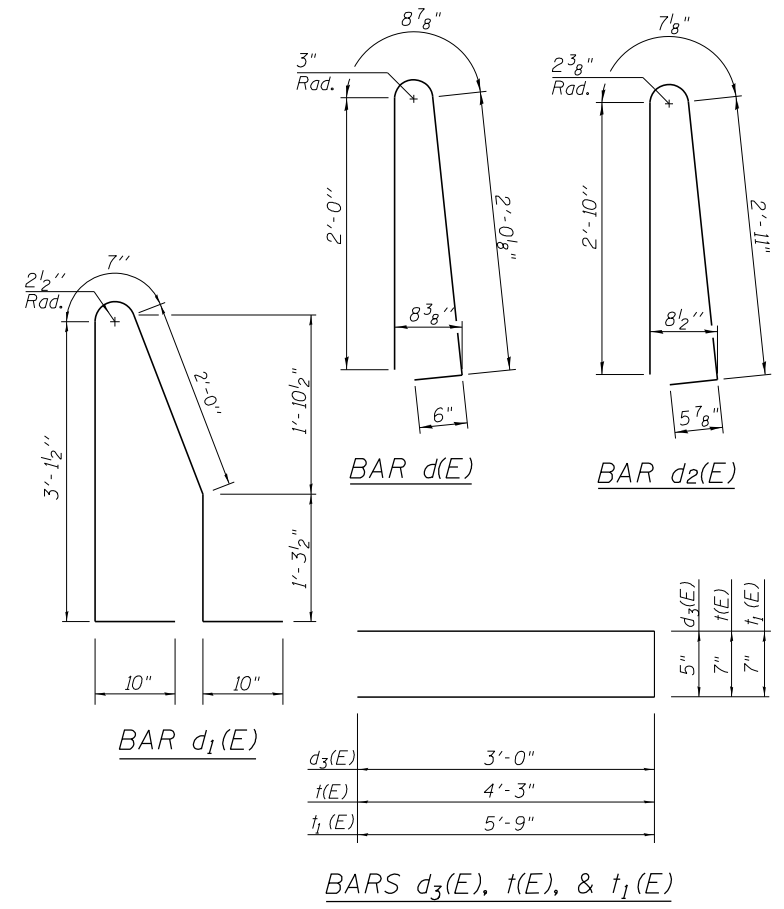
SECTION C-C
CONCRETE BARRIER,
SINGLE FACE, 54" (SPECIAL)



SECTION D-D



EXPANSION JOINT
DETAIL



USER NAME = mkosir	DESIGNED - JFA	REVISED -
PLOT SCALE = 0.0833' / 1"	DRAWN - MMK	REVISED -
PLOT DATE = 4/28/2016	CHECKED - JFA	REVISED -
	DATE - 05/06/2016	REVISED -

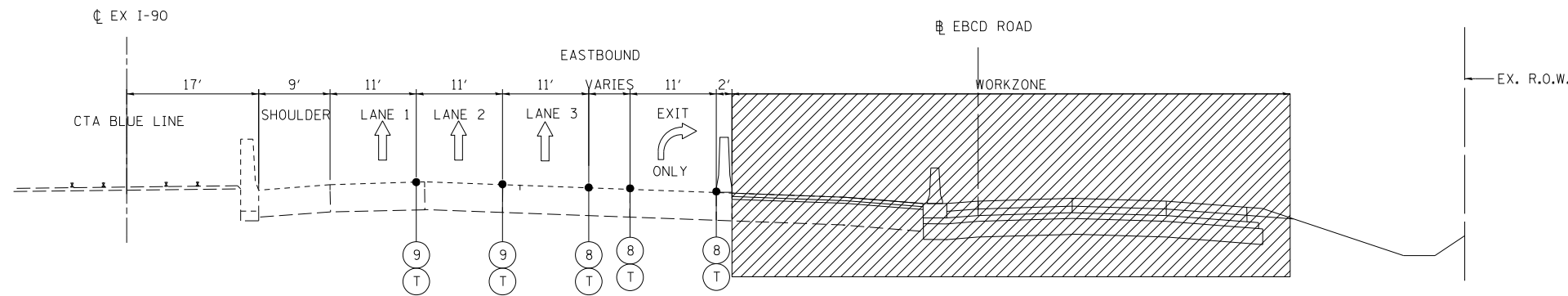
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
CONCRETE BARRIER (SPECIAL) DETAILS

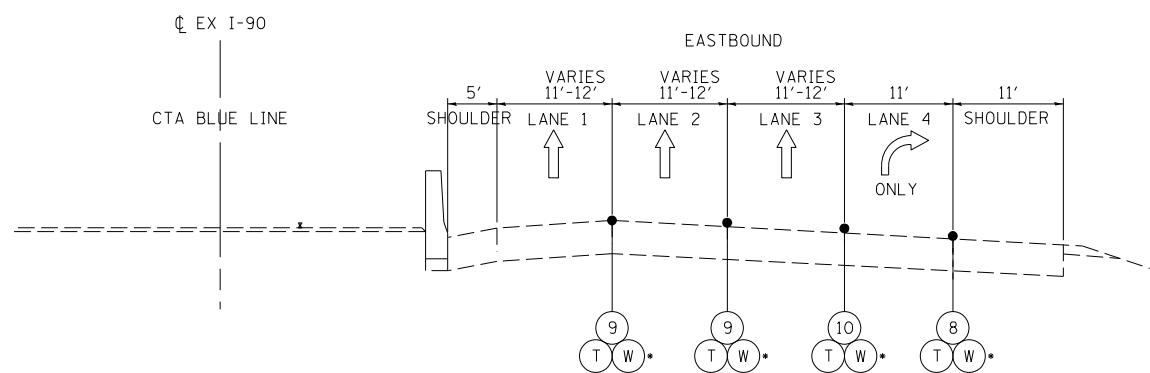
SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	70
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

PD-04



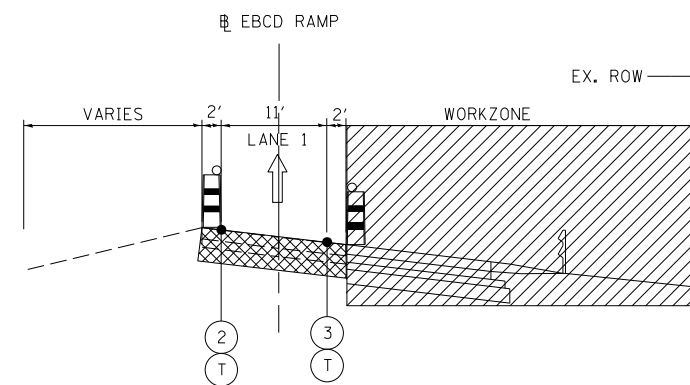
STAGE 2
EX I-90 STA. 3025+00 TO STA. 3029+00



STAGE 2 EB TYPICAL SECTION

EX I-90 STA. 3029+00 TO 3038+50

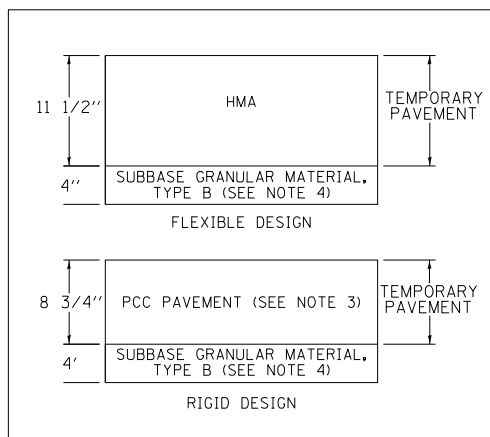
- (T) STA. 3029+00 TO 3032+00
- (W) STA. 3032+00 TO 3038+50



STAGE 2 SB CUMBERLAND RAMP

EBCD STA. 523+30 TO STA. 528+20

TEMPORARY PAVEMENT DETAIL



TEMPORARY CONCRETE BARRIER NOTE:

- LOCATIONS ARE NOTED IN THE PLANS WHERE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT. CONTRACTOR SHALL ADHERE TO BDE SPECIAL PROVISION, TEMPORARY CONCRETE BARRIER (BDE), AT ALL TIMES.

TEMPORARY PAVEMENT NOTES:

- TEMPORARY PAVEMENT SHALL BE DEFINED AS PORTLAND CEMENT CONCRETE OR HMA PAVEMENT.
- TEMPORARY PAVEMENT WILL NOT BE REMOVED UNLESS DIRECTED BY THE ENGINEER IN THE FIELD.
- IF CONTRACTOR CHOOSES TO USE PCC TEMPORARY PAVEMENT, THE PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATION.
- SUBGRADE SOILS WITH AN IBR < 2.5 SHALL BE UNDERCUT AND REPLACED WITH 12" AGGREGATE SUBGRADE IMPROVEMENT.

MAINTENANCE OF TRAFFIC LEGEND

- TEMPORARY PAVEMENT
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADE OR DRUM W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT
- DOUBLE VERTICAL PANEL
- TRAFFIC DIRECTION
- WORK ZONE
- (1) PVT MRK - LINE 5" WHITE
- (2) PVT MRK - LINE 4" YELLOW
- (3) PVT MRK - LINE 4" WHITE
- (4) PVT MRK - LINE 6" WHITE
- (5) PVT MRK - LINE 12"
- (6) PVT MRK - LTRS & SYMB
- (7) PVT MRK - LINE 24" WHITE
- (8) PVT MRK - LINE 8" WHITE
- (9) PVT MRK - LINE 5" WHITE (10' DASH - 30' SKIP)
- (10) PVT MRK - LINE 8" WHITE (3' DASH - 9' SKIP)
- (T) TEMP PVT MRK (SEE GENERAL NOTES SHEET)
- (W) WET REF TEM TAPE T3 (SEE GENERAL NOTES SHEET)
- (Z) PAVT MARK TAPE T4



USER NAME = mksosir	DESIGNED - SSH	REVISED -
PLOT SCALE = 1.0000' / 1/4"	DRAWN - MMK/SSH	REVISED -
PLOT DATE = 4/27/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

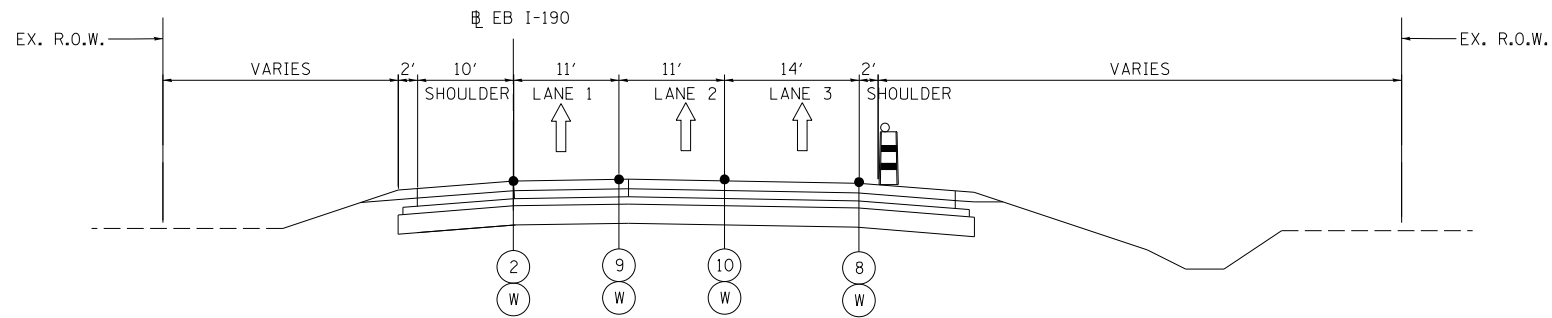
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

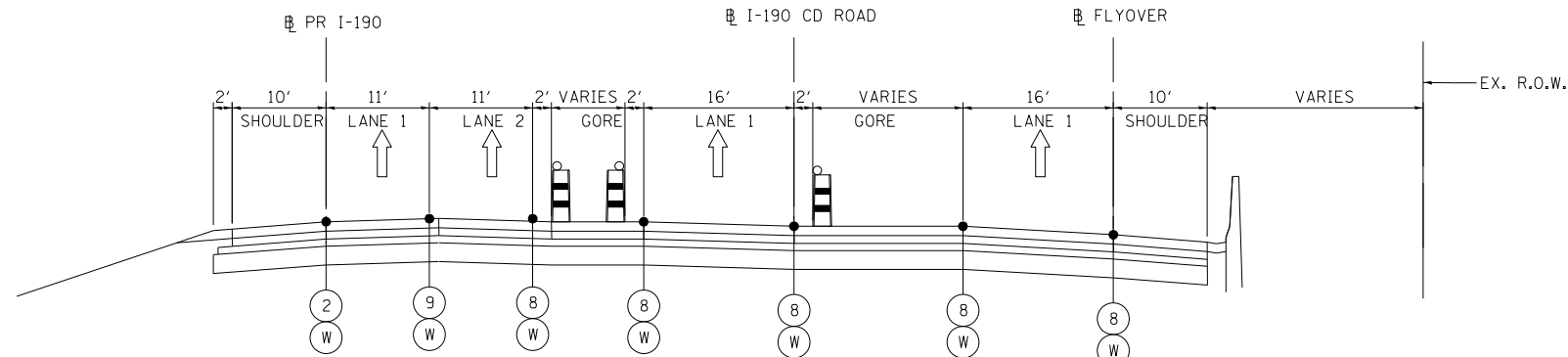
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	78
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

MOT-TYP-04

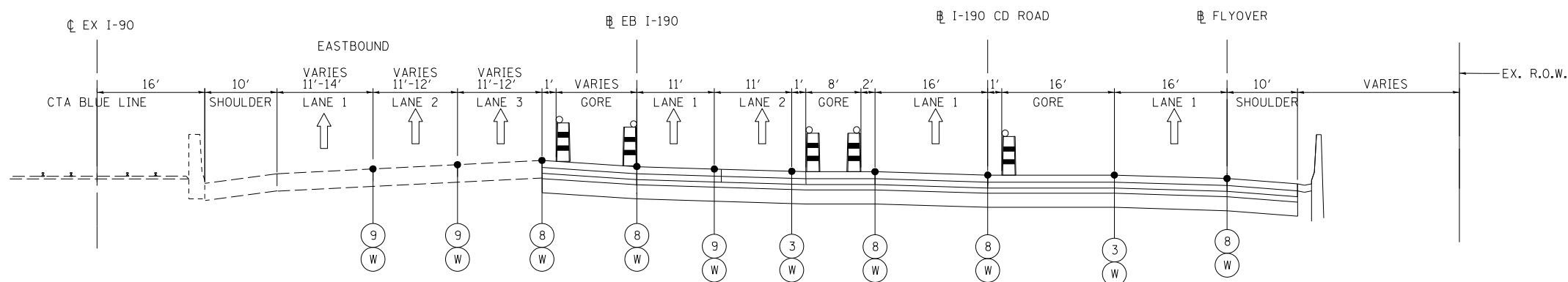
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STAGE 3 EB I-190 TYPICAL SECTION
I-190 STA. 103+00 TO 112+80

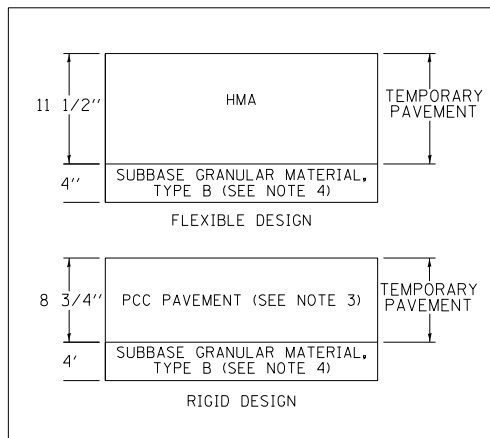


STAGE 3 EB TYPICAL SECTION
I-190 STA. 112+80 TO STA. 118+00
I-190 CD STA. 300+00 TO STA. 306+40
FLYOVER STA. 24+20 TO STA. 30+60



STAGE 3 TYPICAL SECTION
I-90 STA. 3005+15 TO STA. 3006+50
I-190 STA. 118+00 TO STA. 119+35
I-190 CD STA. 306+40 TO STA. 307+75
FLYOVER STA. 30+60 TO STA. 31+95

TEMPORARY PAVEMENT DETAIL



TEMPORARY CONCRETE BARRIER NOTE:

- LOCATIONS ARE NOTED IN THE PLANS WHERE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT. CONTRACTOR SHALL ADHERE TO BDE SPECIAL PROVISION, TEMPORARY CONCRETE BARRIER (BDE), AT ALL TIMES.

TEMPORARY PAVEMENT NOTES:

- TEMPORARY PAVEMENT SHALL BE DEFINED AS PORTLAND CEMENT CONCRETE OR HMA PAVEMENT.
- TEMPORARY PAVEMENT WILL NOT BE REMOVED UNLESS DIRECTED BY THE ENGINEER IN THE FIELD.
- IF CONTRACTOR CHOOSES TO USE PCC TEMPORARY PAVEMENT, THE PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATION.
- SUBGRADE SOILS WITH AN IBR < 2.5 SHALL BE UNDERCUT AND REPLACED WITH 12" AGGREGATE SUBGRADE IMPROVEMENT.

MAINTENANCE OF TRAFFIC LEGEND

- TEMPORARY PAVEMENT
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADE OR DRUM W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT
- DOUBLE VERTICAL PANEL
- TRAFFIC DIRECTION
- WORK ZONE
- (1) PVT MRK - LINE 5" WHITE
- (2) PVT MRK - LINE 4" YELLOW
- (3) PVT MRK - LINE 4" WHITE
- (4) PVT MRK - LINE 6" WHITE
- (5) PVT MRK - LINE 12"
- (6) PVT MRK - LTRS & SYMB
- (7) PVT MRK - LINE 24" WHITE
- (8) PVT MRK - LINE 8" WHITE
- (9) PVT MRK - LINE 5" WHITE (10' DASH - 30' SKIP)
- (10) PVT MRK - LINE 8" WHITE (3' DASH - 9' SKIP)
- (T) TEMP PVT MRK (SEE GENERAL NOTES SHEET)
- (W) WET REF TEM TAPE T3 (SEE GENERAL NOTES SHEET)
- (Z) PAVT MARK TAPE T4

FILE NAME: I:\Projects\60556\mto\pav\Drawings\Documents\Chicago\Projects\30120_I-190_Cumberland\Drawings\CADD\Contract\60556_sht-TYP-05.dgn



USER NAME = mkosir	DESIGNED - SSH	REVISED -
PLOT SCALE = 1:8000' / 1"	DRAWN - MMK/SSH	REVISED -
PLOT DATE = 4/27/2016	CHECKED - LLS	REVISED -
	DATE - 05/06/2016	REVISED -

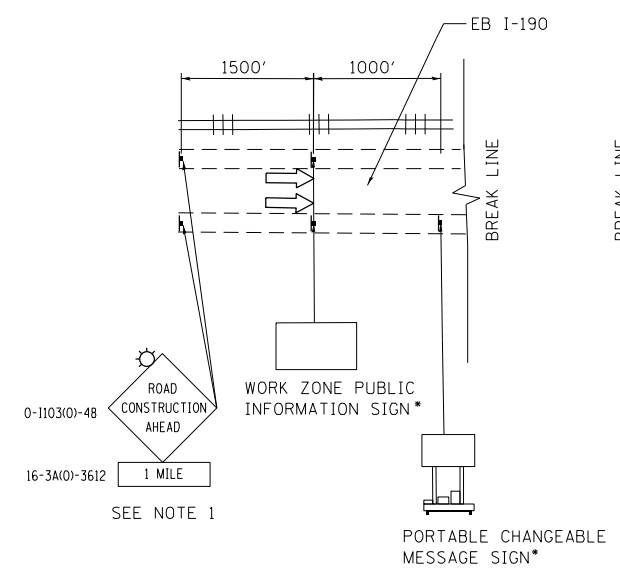
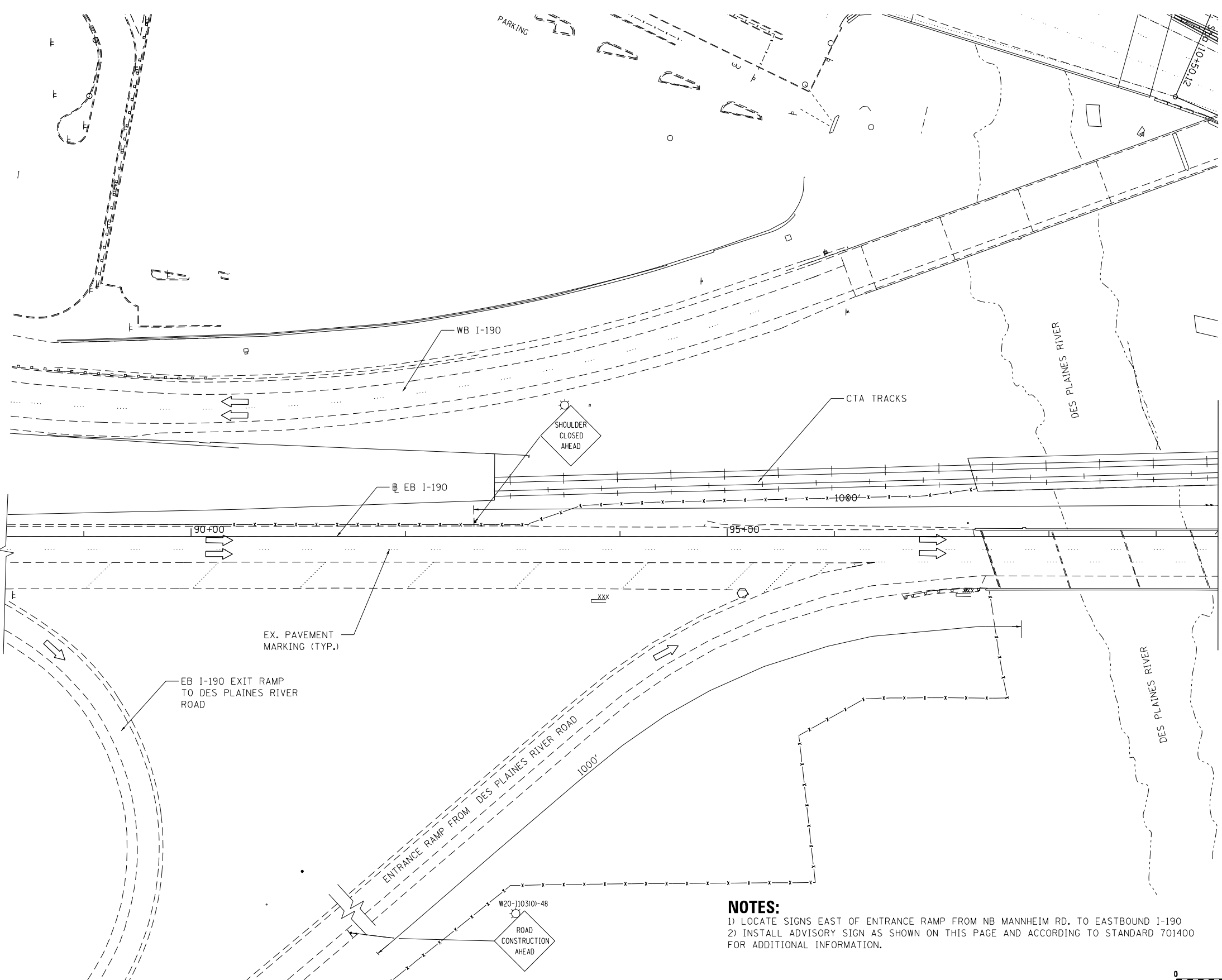
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

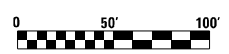
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	79
			CONTRACT NO. 60X56	
ILLINOIS FED. AID PROJECT				

MOT-TYP-05



EB I-190 ADVISORY SIGNS INSTALLED
 IN-ADVANCE OF THE WORK AREA
 (EAST OF MANNHEIM ROAD AND WEST OF RIVER ROAD)
 • CONTRACTOR COORDINATE WITH THE ENGINEER FOR
 PROPER MESSAGE DISPLAYS

NOTES:
 1) LOCATE SIGNS EAST OF ENTRANCE RAMP FROM NB MANNHEIM RD. TO EASTBOUND I-190
 2) INSTALL ADVISORY SIGN AS SHOWN ON THIS PAGE AND ACCORDING TO STANDARD 701400
 FOR ADDITIONAL INFORMATION.



MATCH LINE PR I-190
 STA. 99+56
 MOT-02

FILE NAME: \\exp\proj\mot-01.dgn

exp U.S. Services Inc.
 Chicago, IL
 BUILDINGS EARTH & ENVIRONMENT ENERGY
 INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

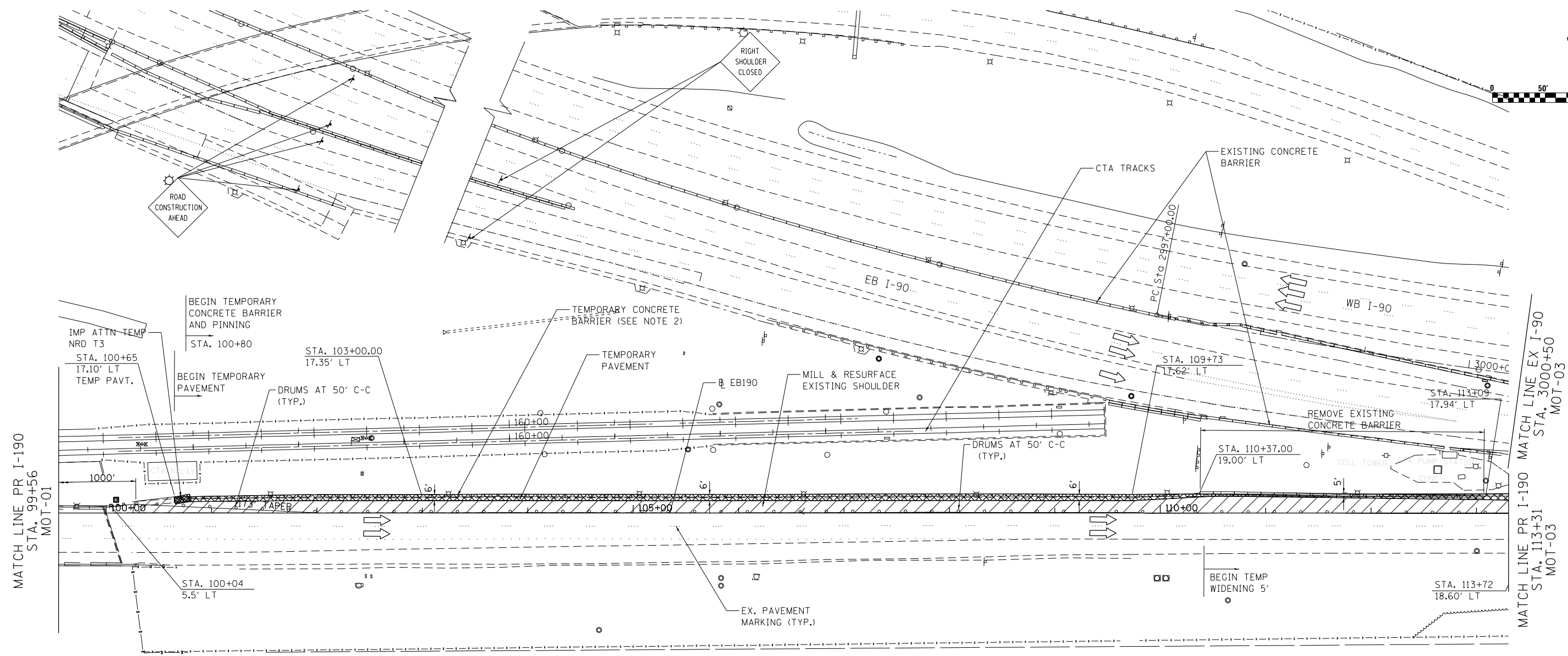
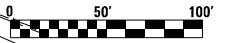
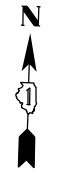
USER NAME = mohamma	DESIGNED - MM	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN - MM	REVISED -
PLOT DATE = 4/28/2016	CHECKED - KA	REVISED -
	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
PRE-STAGE EB			
SCALE:	SHEET	OF SHEETS	STA. 100+00.00 TO STA. 113+31.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	81
			CONTRACT NO. 60X56	
ILLINOIS FED. AID PROJECT				

MOT-01



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		ARROW BOARD		1 PVT MK - LINE 5" WHITE		7 PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT		VERTICAL PANEL		2 PVT MK - LINE 4" YELLOW		8 PVT MK - LINE 8" WHITE
	EX. TRAFFIC DIRECTION		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER		3 PVT MK - DBL 4" WHITE		T TEMP PVT MK (SEE SHT G-03)
	PR. TRAFFIC DIRECTION		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		4 PVT MK - LINE 6" WHITE		W WET REF TEM TAPE T3 (SEE SHT G-03)
							5 PVT MK - LINE 12"		
							6 PVT MK - LTRS & SYMB		

NOTES:

- 1) WORK IN THIS STAGE CONSISTS OF CONSTRUCTION OF TEMPORARY PAVEMENT ON THE NORTHSIDE OF EB I-190, MILL AND RESURFACE LEFT SHOULDER AND REMOVE EXISTING LIGHT POLES AS SHOWN ON THE PLANS. NORMAL TRAFFIC FLOW ALONG EB I-190 WILL BE MAINTAINED DURING THIS STAGE.
- 2) INSTALL TEMPORARY CONCRETE BARRIER ALONG THE NORTH EDGE OF TEMPORARY WIDENING AS SHOWN ON THE PLANS AND SECURE IT TO THE TEMPORARY PAVEMENT OR PAVED SHOULDER USING THREE ANCHORING PINS INSTALLED ON THE TRAFFIC SIDE OF THE TEMPORARY CONCRETE BARRIER AS SHOWN ON IDOT STANDARD 704001
- 3) TEMPORARY LANE CLOSURES ALONG EB I-190 WILL BE ALLOWED DURING HOURS SPECIFIED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
- 4) CONTRACTOR SHALL COORDINATE WITH ENGINEER AND CTA IN ORDER TO MAINTAIN ACCESS TO CTA PUMP STATION, CELL TOWER AND CTA RELAY AT ALL TIMES DURING PRESTAGE. THE COST OF MAINTAINING ACCESS IS NOT PAID FOR SEPARATELY BUT WILL BE INCLUDED AS PART OF PAY ITEM "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY)".

FILE NAME: \\exp\proj\1517R-113\MOT-02\1517R-113.dgn

exp. U.S. Services Inc.
Chicago, IL
BUILDINGS EARTH & ENVIRONMENT ENERGY
INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

USER NAME = mohamma	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - KA	REVISED -
PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

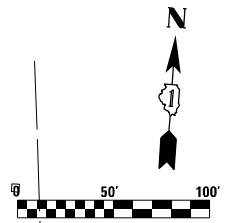
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
PRE-STAGE EB**

SCALE: SHEET OF SHEETS STA. 100+00.00 TO STA. 113+31.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	82
			CONTRACT NO. 60X56	
ILLINOIS FED. AID PROJECT				

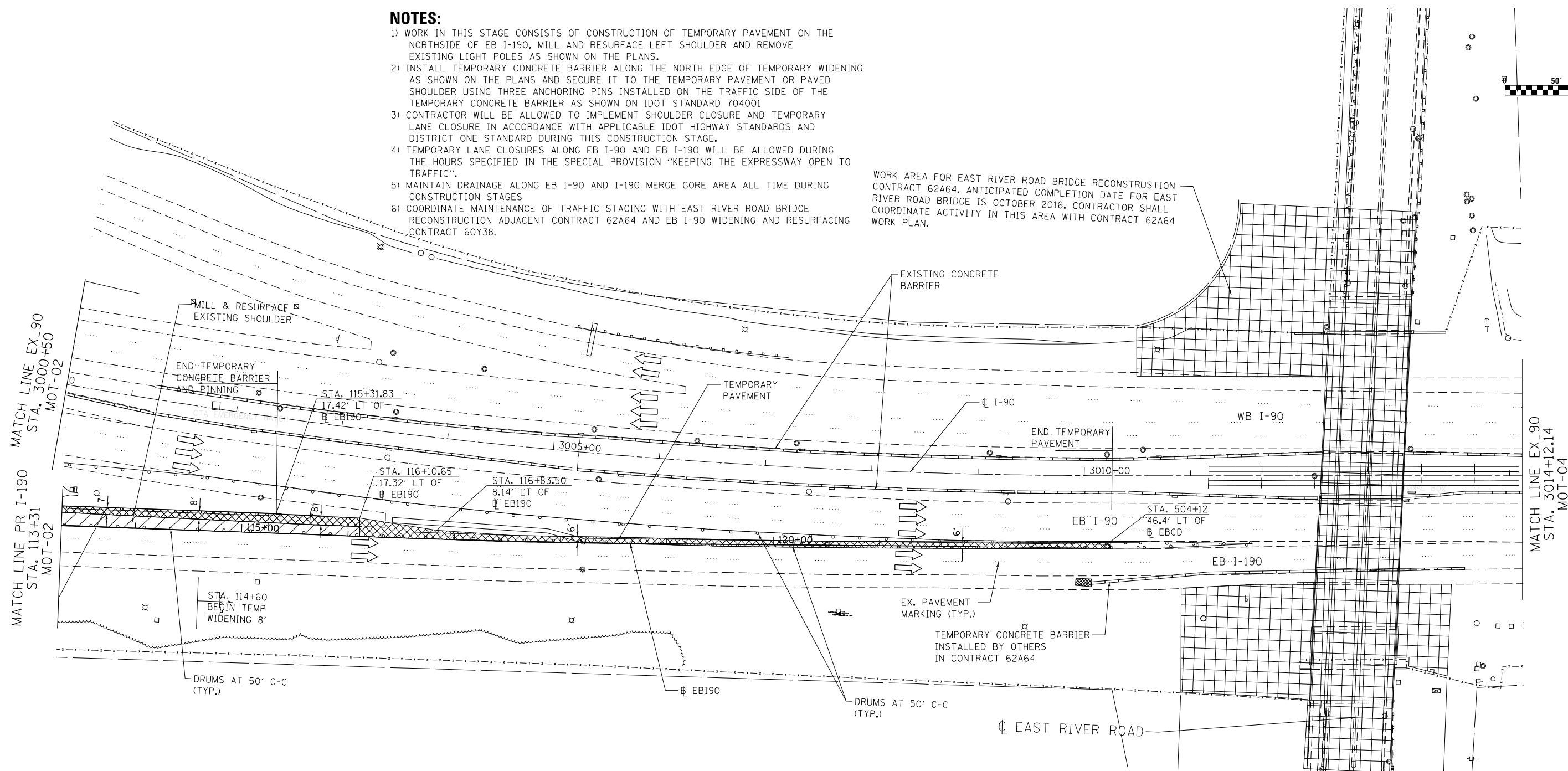
MOT-02



NOTES:

- 1) WORK IN THIS STAGE CONSISTS OF CONSTRUCTION OF TEMPORARY PAVEMENT ON THE NORTHSIDE OF EB I-190, MILL AND RESURFACE LEFT SHOULDER AND REMOVE EXISTING LIGHT POLES AS SHOWN ON THE PLANS.
- 2) INSTALL TEMPORARY CONCRETE BARRIER ALONG THE NORTH EDGE OF TEMPORARY WIDENING AS SHOWN ON THE PLANS AND SECURE IT TO THE TEMPORARY PAVEMENT OR PAVED SHOULDER USING THREE ANCHORING PINS INSTALLED ON THE TRAFFIC SIDE OF THE TEMPORARY CONCRETE BARRIER AS SHOWN ON IDOT STANDARD 704001
- 3) CONTRACTOR WILL BE ALLOWED TO IMPLEMENT SHOULDER CLOSURE AND TEMPORARY LANE CLOSURE IN ACCORDANCE WITH APPLICABLE IDOT HIGHWAY STANDARDS AND DISTRICT ONE STANDARD DURING THIS CONSTRUCTION STAGE.
- 4) TEMPORARY LANE CLOSURES ALONG EB I-90 AND EB I-190 WILL BE ALLOWED DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
- 5) MAINTAIN DRAINAGE ALONG EB I-90 AND I-190 MERGE GORE AREA ALL TIME DURING CONSTRUCTION STAGES
- 6) COORDINATE MAINTENANCE OF TRAFFIC STAGING WITH EAST RIVER ROAD BRIDGE RECONSTRUCTION ADJACENT CONTRACT 62A64 AND EB I-90 WIDENING AND RESURFACING CONTRACT 60Y38.

WORK AREA FOR EAST RIVER ROAD BRIDGE RECONSTRUCTION CONTRACT 62A64. ANTICIPATED COMPLETION DATE FOR EAST RIVER ROAD BRIDGE IS OCTOBER 2016. CONTRACTOR SHALL COORDINATE ACTIVITY IN THIS AREA WITH CONTRACT 62A64 WORK PLAN.



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		PR. TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 5" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	WORK AREA BY OTHERS		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT		PROPOSED SIGN		PVT MK - DBL 4" WHITE		TEMP PVT MK (SEE SHT G-03)
	EX. TRAFFIC DIRECTION		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		PVT MK - LINE 12"		
							PVT MK - LTRS & SYMB		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
PRE-STAGE EB

SCALE: SHEET OF SHEETS STA. 3003+38.74 TO STA. 3014+12.14

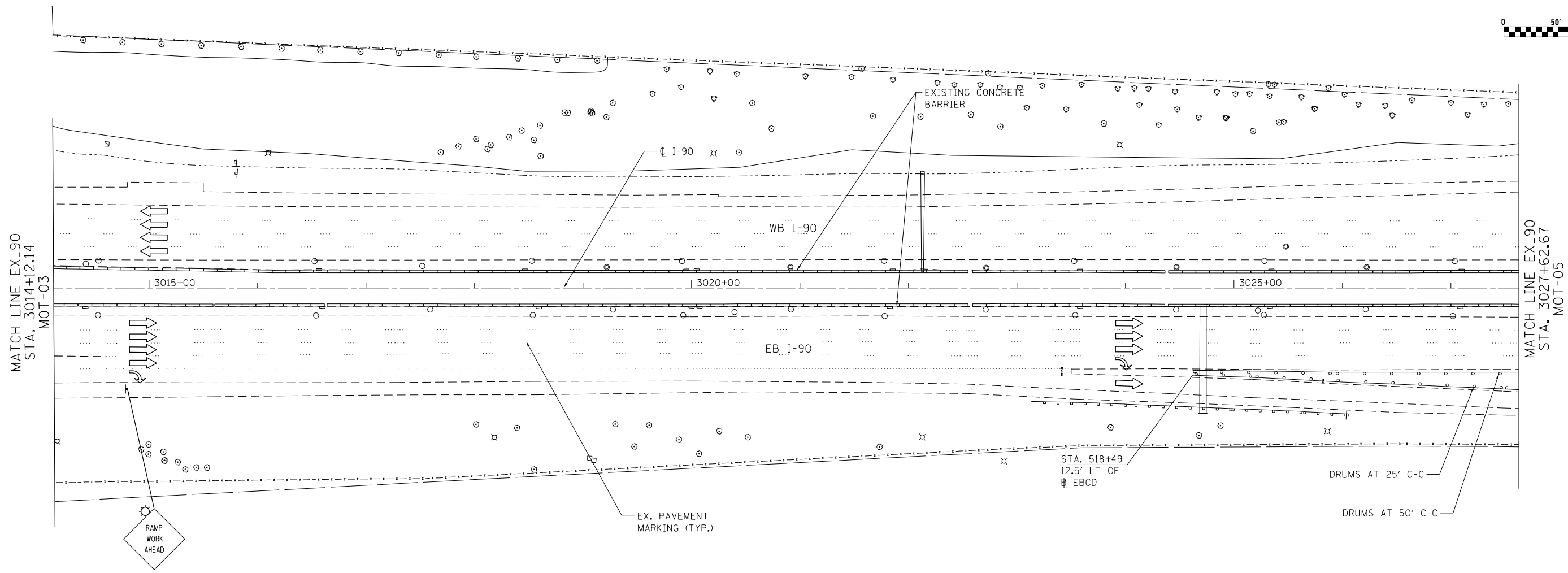
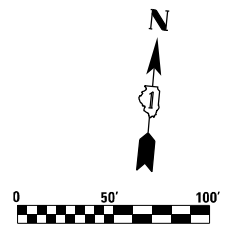
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	83
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

MOT-03

FILE NAME: \\exp\proj\1517R-1\MOT-03.dgn

exp U.S. Services Inc.
Chicago, IL
BUILDINGS EARTH & ENVIRONMENT ENERGY
INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

USER NAME = mohamma	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - KA	REVISED -
PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		ARROW BOARD		PVT MK - LINE 5" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT		VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	EX. TRAFFIC DIRECTION		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		PROPOSED SIGN		PVT MK - DBL 4" WHITE		TEMP PVT MK (SEE SHT G-03)
	PR. TRAFFIC DIRECTION		TEMPORARY CONCRETE BARRIER		RAMP CLOSED		PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE SHT G-03)
							PVT MK - LINE 12"		
							PVT MK - LTRS & SYMB		

FILE NAME: \\exp\proj\1517R-1\1517R-1\MOT-04.dgn

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Chicago, IL
BUILDINGS EARTH & ENVIRONMENT ENERGY
INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

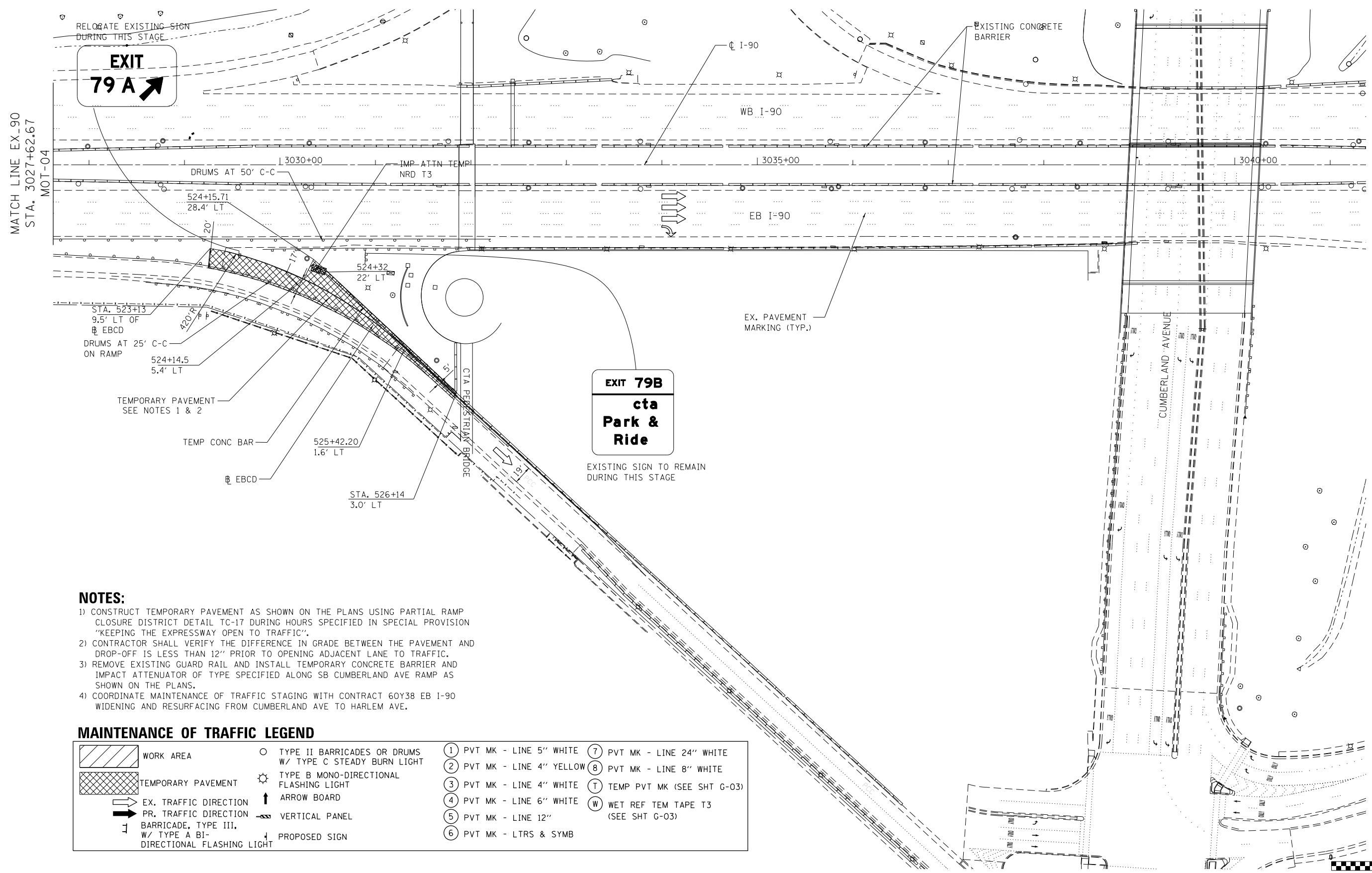
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PLOT DATE = 4/28/2016	CHECKED - KA	REVISED -
	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
PRE-STAGE EB			
SCALE:	SHEET	OF	SHEETS
			STA. 3014+12.14 TO STA. 3027+62.67

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	84
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

MOT-04



EXIT 79A

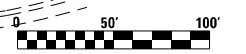
EXIT 79B
cta
Park & Ride

NOTES:

- 1) CONSTRUCT TEMPORARY PAVEMENT AS SHOWN ON THE PLANS USING PARTIAL RAMP CLOSURE DISTRICT DETAIL TC-17 DURING HOURS SPECIFIED IN SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
- 2) CONTRACTOR SHALL VERIFY THE DIFFERENCE IN GRADE BETWEEN THE PAVEMENT AND DROP-OFF IS LESS THAN 12" PRIOR TO OPENING ADJACENT LANE TO TRAFFIC.
- 3) REMOVE EXISTING GUARD RAIL AND INSTALL TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATOR OF TYPE SPECIFIED ALONG SB CUMBERLAND AVE RAMP AS SHOWN ON THE PLANS.
- 4) COORDINATE MAINTENANCE OF TRAFFIC STAGING WITH CONTRACT 60Y38 EB I-90 WIDENING AND RESURFACING FROM CUMBERLAND AVE TO HARLEM AVE.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PVT MK - LINE 5" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	EX. TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		TEMP PVT MK (SEE SHT G-03)
	PR. TRAFFIC DIRECTION		VERTICAL PANEL		PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE SHT G-03)
	BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		PROPOSED SIGN		PVT MK - LINE 12"		
					PVT MK - LTRS & SYMB		



FILE NAME: \\exp\proj\1517R-1\1517R-1-MOT-05.dgn

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BUILDINGS EARTH & ENVIRONMENT ENERGY
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USER NAME = mohamma	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
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PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

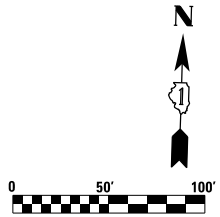
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
PRE-STAGE EB

SCALE: SHEET OF SHEETS STA. 3027+62.67 TO STA. 3041+00.00

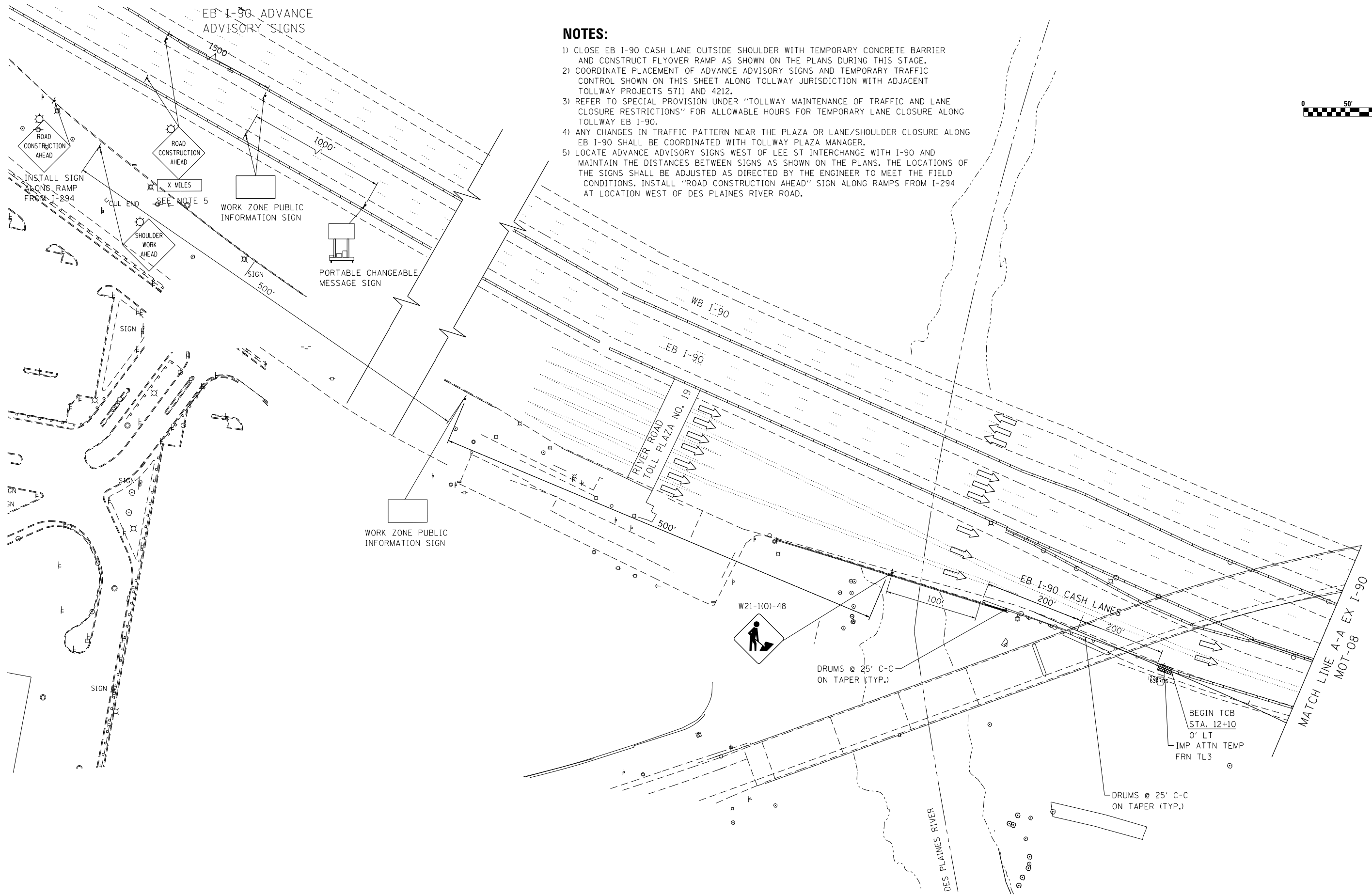
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	85
			CONTRACT NO. 60X56	
ILLINOIS FED. AID PROJECT				

MOT-05



NOTES:

- 1) CLOSE EB I-90 CASH LANE OUTSIDE SHOULDER WITH TEMPORARY CONCRETE BARRIER AND CONSTRUCT FLYOVER RAMP AS SHOWN ON THE PLANS DURING THIS STAGE.
- 2) COORDINATE PLACEMENT OF ADVANCE ADVISORY SIGNS AND TEMPORARY TRAFFIC CONTROL SHOWN ON THIS SHEET ALONG TOLLWAY JURISDICTION WITH ADJACENT TOLLWAY PROJECTS 5711 AND 4212.
- 3) REFER TO SPECIAL PROVISION UNDER "TOLLWAY MAINTENANCE OF TRAFFIC AND LANE CLOSURE RESTRICTIONS" FOR ALLOWABLE HOURS FOR TEMPORARY LANE CLOSURE ALONG TOLLWAY EB I-90.
- 4) ANY CHANGES IN TRAFFIC PATTERN NEAR THE PLAZA OR LANE/SHOULDER CLOSURE ALONG EB I-90 SHALL BE COORDINATED WITH TOLLWAY PLAZA MANAGER.
- 5) LOCATE ADVANCE ADVISORY SIGNS WEST OF LEE ST INTERCHANGE WITH I-90 AND MAINTAIN THE DISTANCES BETWEEN SIGNS AS SHOWN ON THE PLANS. THE LOCATIONS OF THE SIGNS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET THE FIELD CONDITIONS. INSTALL "ROAD CONSTRUCTION AHEAD" SIGN ALONG RAMPS FROM I-294 AT LOCATION WEST OF DES PLAINES RIVER ROAD.



FILE NAME: J:\5555\mto08\p1\cres\lakes\Documents\Chicago\Projects\30120_1\190_CumberLand\Design\CADD\Contract\60X56\CADD_Sheets\DI\60X56-sh1-MOT-1-01.dgn
 exp U.S. Services Inc. Chicago, IL
 BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY
 PLOT SCALE = 1.0000' / 1"

USER NAME = mohamma	DESIGNED - MM	REVISED -
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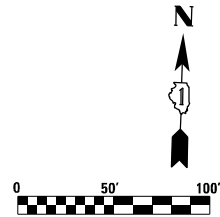
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1 EB**

SCALE: SHEET OF SHEETS STA. 100+00.00 TO STA. 113+31.00

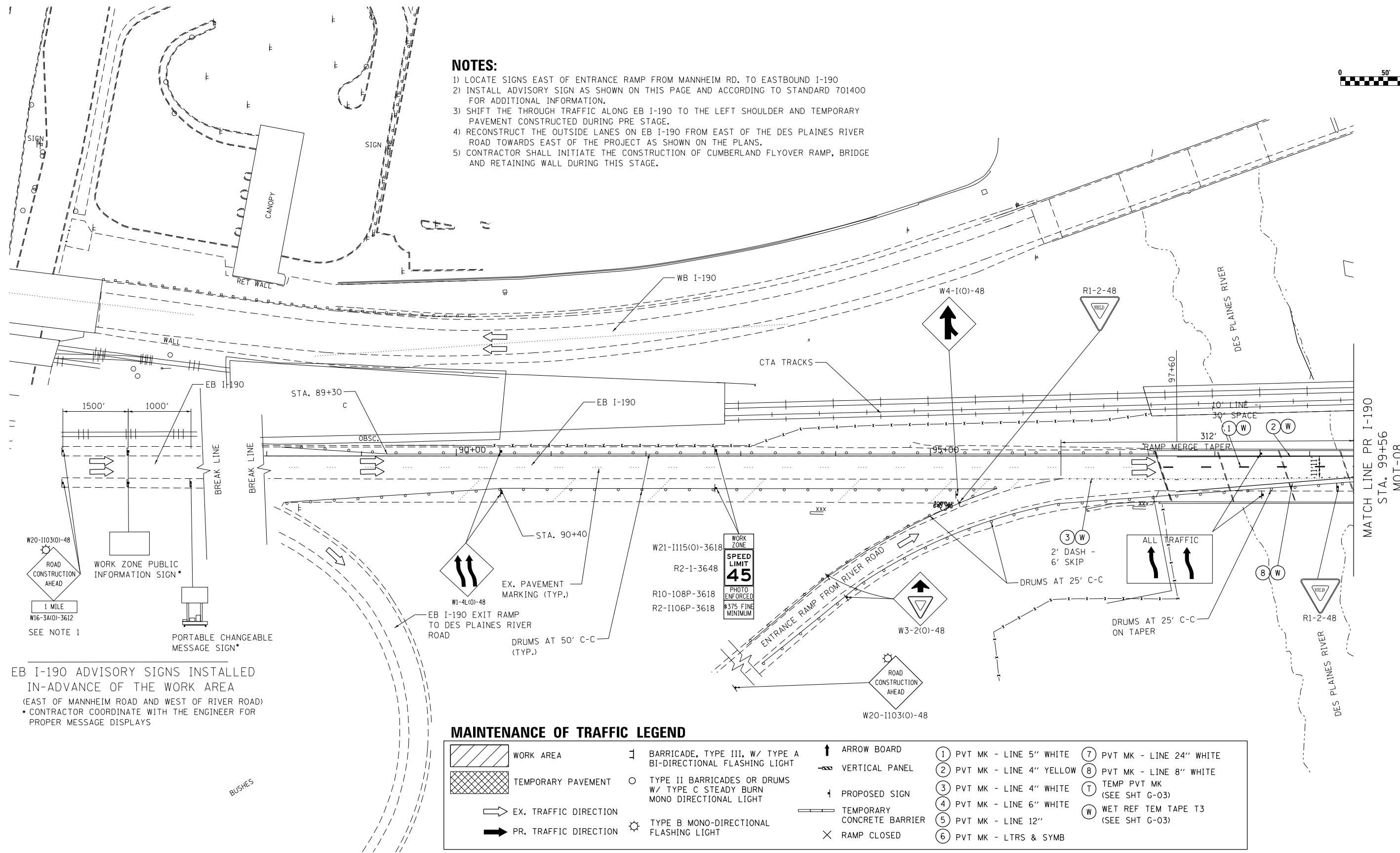
F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 86
			CONTRACT NO. 60X56	
ILLINOIS FED. AID PROJECT				

MOT-06



NOTES:

- 1) LOCATE SIGNS EAST OF ENTRANCE RAMP FROM MANNHEIM RD. TO EASTBOUND I-190
- 2) INSTALL ADVISORY SIGN AS SHOWN ON THIS PAGE AND ACCORDING TO STANDARD 701400 FOR ADDITIONAL INFORMATION.
- 3) SHIFT THE THROUGH TRAFFIC ALONG EB I-190 TO THE LEFT SHOULDER AND TEMPORARY PAVEMENT CONSTRUCTED DURING PRE STAGE.
- 4) RECONSTRUCT THE OUTSIDE LANES ON EB I-190 FROM EAST OF THE DES PLAINES RIVER ROAD TOWARDS EAST OF THE PROJECT AS SHOWN ON THE PLANS.
- 5) CONTRACTOR SHALL INITIATE THE CONSTRUCTION OF CUMBERLAND FLYOVER RAMP, BRIDGE AND RETAINING WALL DURING THIS STAGE.



EB I-190 ADVISORY SIGNS INSTALLED IN-ADVANCE OF THE WORK AREA
 (EAST OF MANNHEIM ROAD AND WEST OF RIVER ROAD)
 • CONTRACTOR COORDINATE WITH THE ENGINEER FOR PROPER MESSAGE DISPLAYS

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		ARROW BOARD		PVT MK - LINE 5" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO DIRECTIONAL LIGHT		VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	EX. TRAFFIC DIRECTION		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		PROPOSED SIGN		PVT MK - LINE 4" WHITE		TEMP PVT MK (SEE SHT G-03)
	PR. TRAFFIC DIRECTION		TEMPORARY CONCRETE BARRIER		RAMP CLOSED		PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE SHT G-03)

FILE NAME: \\exp\proj\1-01a.dgn

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 Chicago, IL
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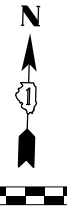
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 1 EB			
SCALE:	SHEET	OF SHEETS	STA. 100+00.00 TO STA. 113+31.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	87
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

MOT-07



EXIT 79A-B
 ILLINOIS
171
Cumberland Ave
 1/2 MILE

-EXISTING GROUND MOUNT SIGN TO REMAIN

WORK ZONE
SPEED LIMIT 45
 PHOTO ENFORCED
 #375 FINE MINIMUM

W21-I115(O)-3618
 R2-1-3648
 R10-I108P-3618
 R2-I106P-3618

WORK ZONE
SPEED LIMIT 45
 PHOTO ENFORCED
 #375 FINE MINIMUM

W21-I115(O)-3618
 R2-1-3648
 R10-I108P-3618
 R2-I106P-3618

ALL TRAFFIC

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		ARROW BOARD		PVT MK - LINE 5" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT		VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	EX. TRAFFIC DIRECTION		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		PROPOSED SIGN		PVT MK - LINE 4" WHITE		TEMP PVT MK (SEE SHT G-03)
	PR. TRAFFIC DIRECTION		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE SHT G-03)
			RAMP CLOSED				PVT MK - LINE 12"		
							PVT MK - LTRS & SYMB		

NOTES:

- 1) CLOSE EB I-90 CASH LANE OUTSIDE SHOULDER WITH TEMPORARY CONCRETE BARRIER AND CONSTRUCT FLYOVER RAMP AS SHOWN ON THE PLANS DURING THIS STAGE.
- 2) COORDINATE PLACEMENT OF ADVANCE ADVISORY SIGNS AND TEMPORARY TRAFFIC CONTROL SHOWN ON THIS SHEET ALONG TOLLWAY JURISDICTION WITH ADJACENT CONTRACTS 5711 AND 4212.
- 3) REFER TO SPECIAL PROVISION UNDER "TOLLWAY MAINTENANCE OF TRAFFIC AND LANE CLOSURE RESTRICTIONS" FOR ALLOWABLE HOURS FOR TEMPORARY LANE CLOSURE ALONG TOLLWAY EB I-90.
- 4) ANY CHANGES IN TRAFFIC PATTERN NEAR THE PLAZA OR LANE/SHOULDER CLOSURE ALONG EB I-90 SHALL BE COORDINATED WITH TOLLWAY PLAZA MANAGER.
- 5) LANE CLOSURE ON EB I-190 SHALL BE IN ACCORDANCE WITH APPLICABLE IDOT HIGHWAY STANDARDS AND DISTRICT ONE STANDARD. RECONSTRUCT EB I-190 RIGHT SHOULDER, LANE 3 AND HALF OF LANE 2 DURING THIS STAGE.
- 6) CONTRACTOR SHALL COORDINATE WITH ENGINEER AND CTA IN ORDER TO MAINTAIN ACCESS TO CTA PUMP STATION, CELL TOWER AND CTA RELAY AT ALL TIMES DURING STAGE 1. THE COST OF MAINTAINING ACCESS IS NOT PAID FOR SEPARATELY BUT WILL BE INCLUDED AS PART OF PAY ITEM "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY)".

MATCH LINE PR I-190
 STA. 99+56
 MOT-07

MATCH LINE EX I-90
 STA. 3000+50
 MOT-09

FILE NAME: J:\556\mto\exp\p\c\res\l\lakes\Documents\Chicago\Project\30120_1-190_Cumberland\Drawings\CADD\Contract\60X56\CADD_Sheets\0160X56-sh1-MOT-1-01B.dgn

USER NAME = mohamma	DESIGNED - MM	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

STAGE 1 EB

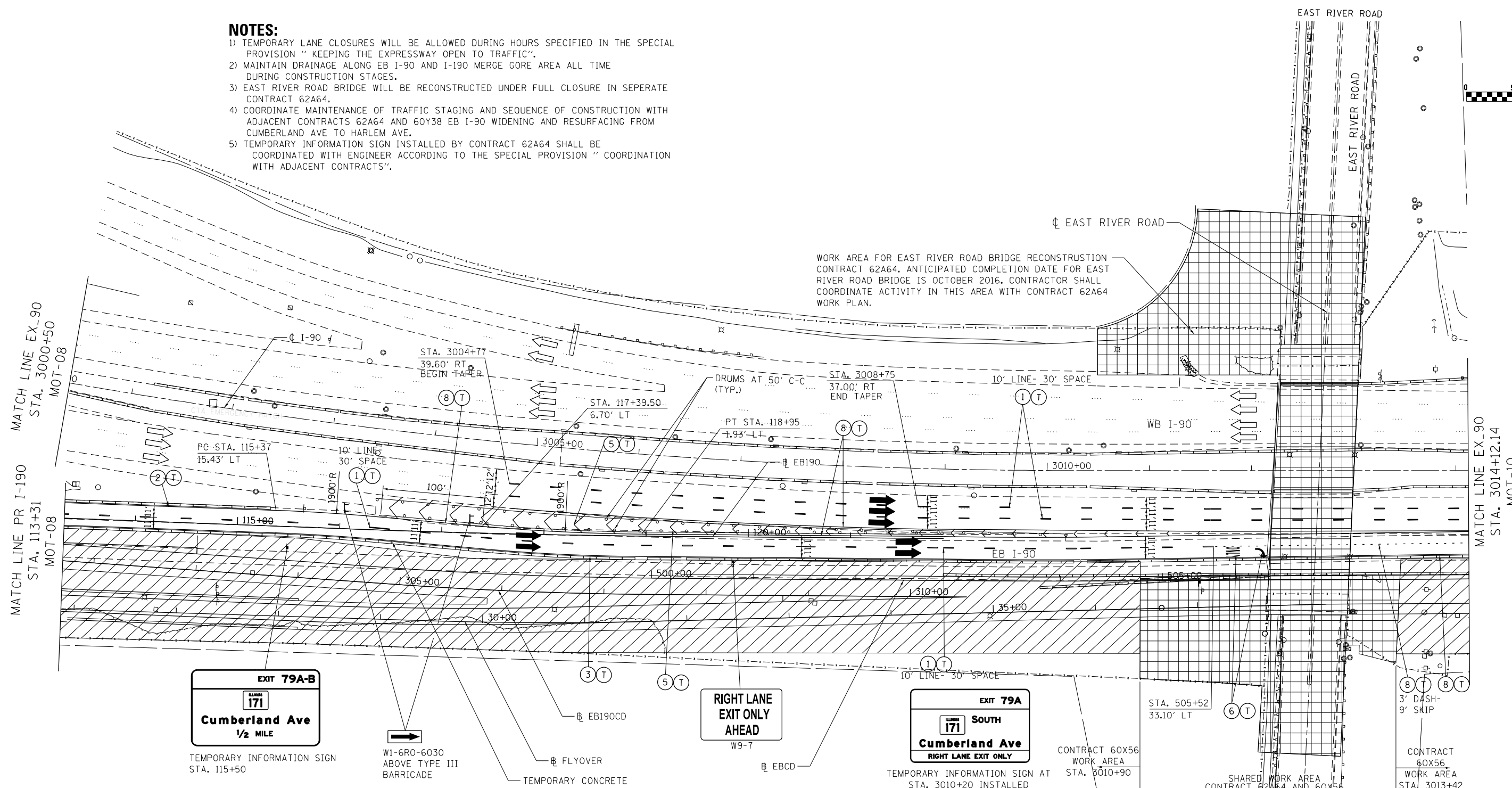
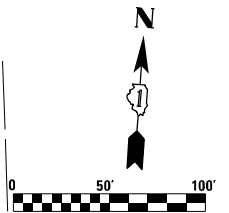
SCALE:	SHEET	OF	SHEETS	STA. 100+00.00	TO	STA. 113+31.00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	88
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

MOT-08

NOTES:

- 1) TEMPORARY LANE CLOSURES WILL BE ALLOWED DURING HOURS SPECIFIED IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
- 2) MAINTAIN DRAINAGE ALONG EB I-90 AND I-190 MERGE GORE AREA ALL TIME DURING CONSTRUCTION STAGES.
- 3) EAST RIVER ROAD BRIDGE WILL BE RECONSTRUCTED UNDER FULL CLOSURE IN SEPERATE CONTRACT 62A64.
- 4) COORDINATE MAINTENANCE OF TRAFFIC STAGING AND SEQUENCE OF CONSTRUCTION WITH ADJACENT CONTRACTS 62A64 AND 60Y38 EB I-90 WIDENING AND RESURFACING FROM CUMBERLAND AVE TO HARLEM AVE.
- 5) TEMPORARY INFORMATION SIGN INSTALLED BY CONTRACT 62A64 SHALL BE COORDINATED WITH ENGINEER ACCORDING TO THE SPECIAL PROVISION "COORDINATION WITH ADJACENT CONTRACTS".



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		PR. TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 5" WHITE		7 PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		VERTICAL PANEL		2 PVT MK - LINE 4" YELLOW		8 PVT MK - LINE 8" WHITE
	SHARED WORK AREA		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT		PROPOSED SIGN		3 PVT MK - LINE 4" WHITE		T TEMP PVT MK (SEE SHT G-03)
	EX. TRAFFIC DIRECTION		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		4 PVT MK - LINE 6" WHITE		W WET REF TEM TAPE T3 (SEE SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		5 PVT MK - LINE 12"		
							6 PVT MK - LTRS & SYMB		

FILE NAME: C:\exp\117\117-MOT-1-02.dgn



USER NAME = mohammed	DESIGNED - MM	REVISED -
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

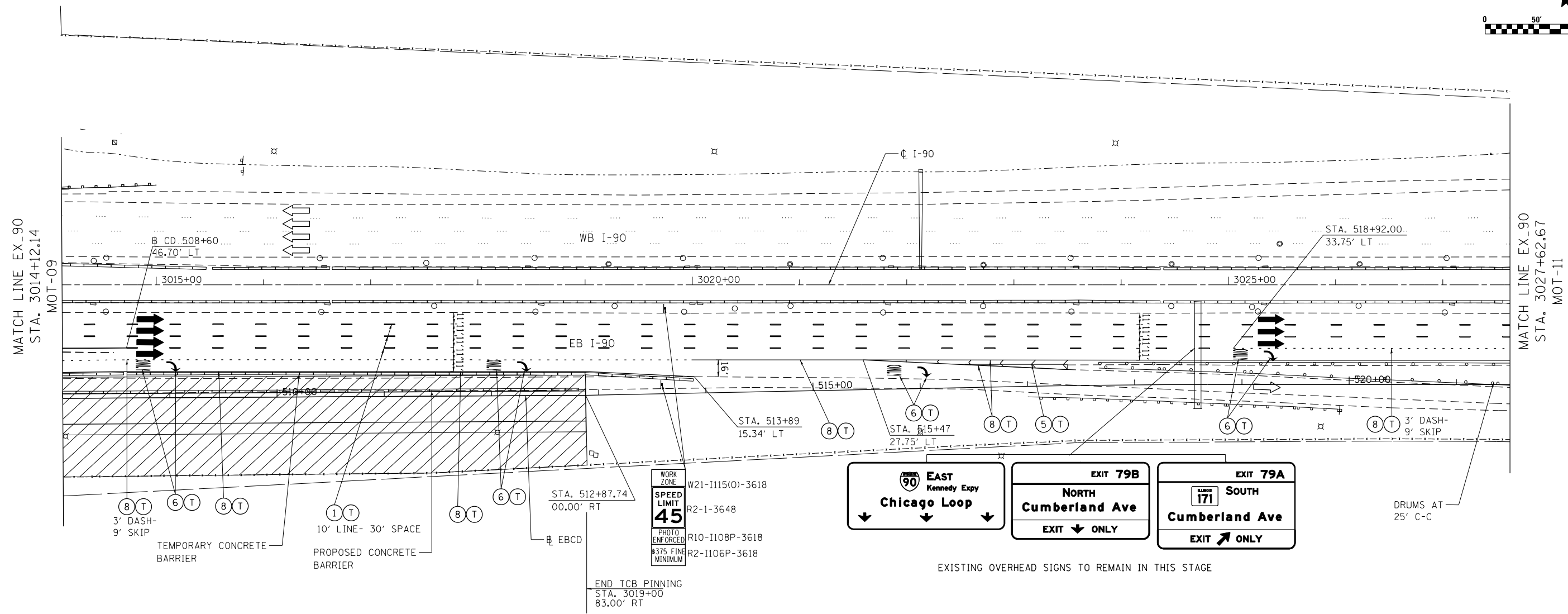
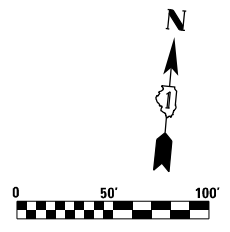
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

STAGE 1 EB

SCALE: SHEET OF SHEETS STA. 3003+38.74 TO STA. 3014+12.14

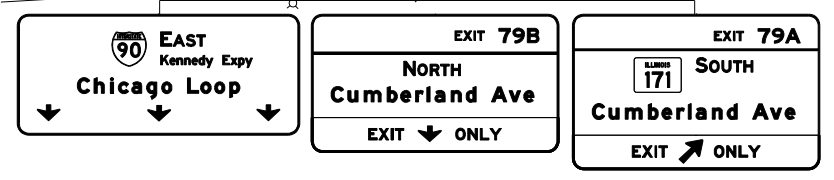
F.A.I. RTE. 190	SECTION 1517R-1(13)	COUNTY COOK	TOTAL SHEETS 580	SHEET NO. 89
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

MOT-09



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		ARROW BOARD		PVT MK - LINE 5" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT		VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	EX. TRAFFIC DIRECTION		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		PROPOSED SIGN		PVT MK - LINE 4" WHITE		TEMP PVT MK (SEE SHT G-03)
	PR. TRAFFIC DIRECTION				TEMPORARY CONCRETE BARRIER		PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE SHT G-03)
					RAMP CLOSED		PVT MK - LINE 12"		



EXISTING OVERHEAD SIGNS TO REMAIN IN THIS STAGE

FILE NAME: C:\exp\1517R-1\1517R-1-03.dgn



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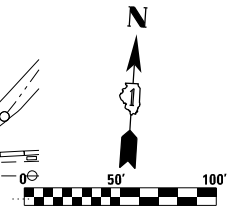
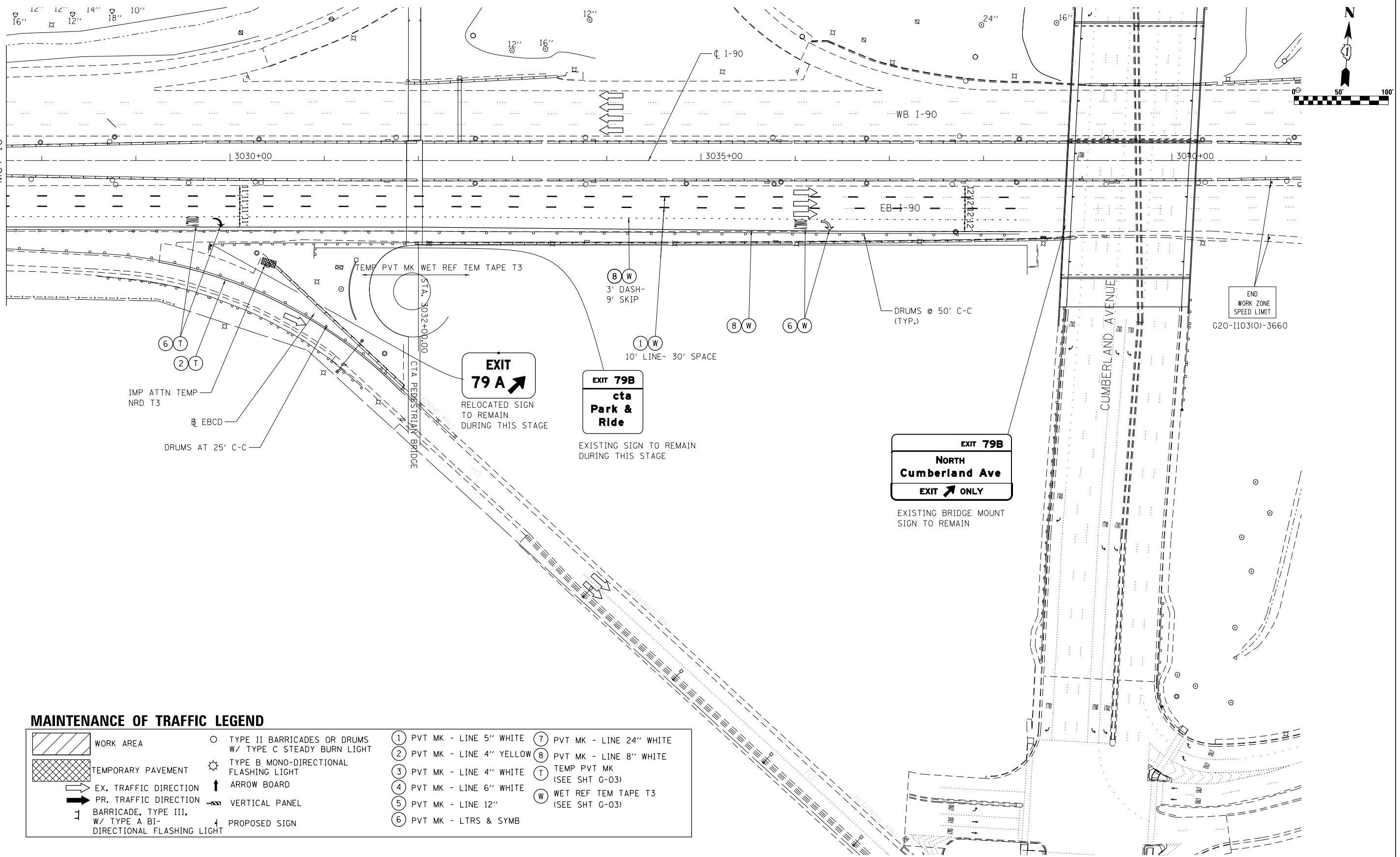
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 1 EB			
SCALE:	SHEET	OF SHEETS	STA. 3014+12.14 TO STA. 3027+62.67

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	90
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

MOT-10

MATCH LINE EX_90
STA. 3027+62.67
MOT-10



MAINTENANCE OF TRAFFIC LEGEND

WORK AREA	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT	PVT MK - LINE 5" WHITE	PVT MK - LINE 24" WHITE
TEMPORARY PAVEMENT	TYPE B MONO-DIRECTIONAL FLASHING LIGHT	PVT MK - LINE 4" YELLOW	PVT MK - LINE 8" WHITE
EX. TRAFFIC DIRECTION	ARROW BOARD	PVT MK - LINE 4" WHITE	TEMP PVT MK (SEE SHT G-03)
PR. TRAFFIC DIRECTION	VERTICAL PANEL	PVT MK - LINE 6" WHITE	WET REF TEM TAPE T3 (SEE SHT G-03)
BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT	PROPOSED SIGN	PVT MK - LINE 12"	
		PVT MK - LTRS & SYMB	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 1 EB

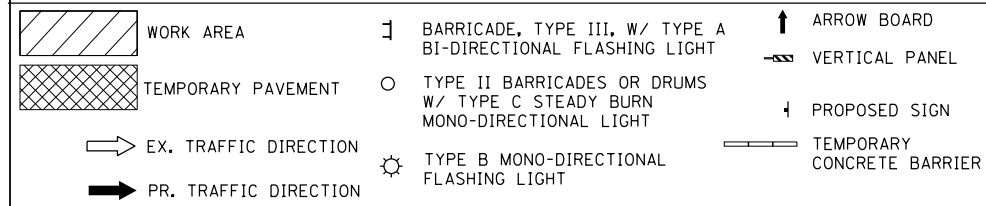
SCALE: SHEET OF SHEETS STA. 3027+62.67 TO STA. 3041+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	91
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X56	

MOT-11

USER NAME = mohamma	DESIGNED - MM	REVISED -
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MAINTENANCE OF TRAFFIC LEGEND

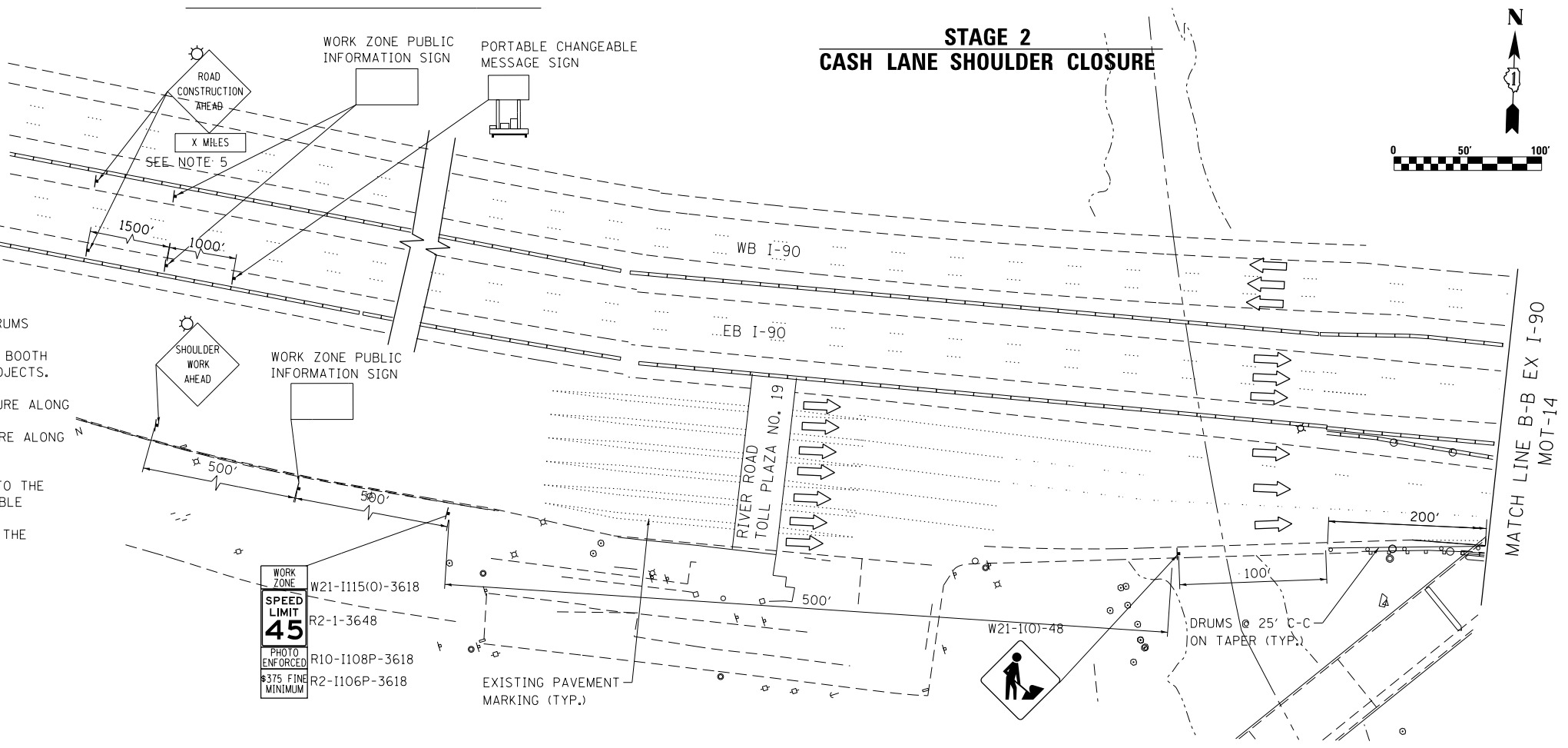


EB I-90 ADVANCE ADVISORY SIGNS

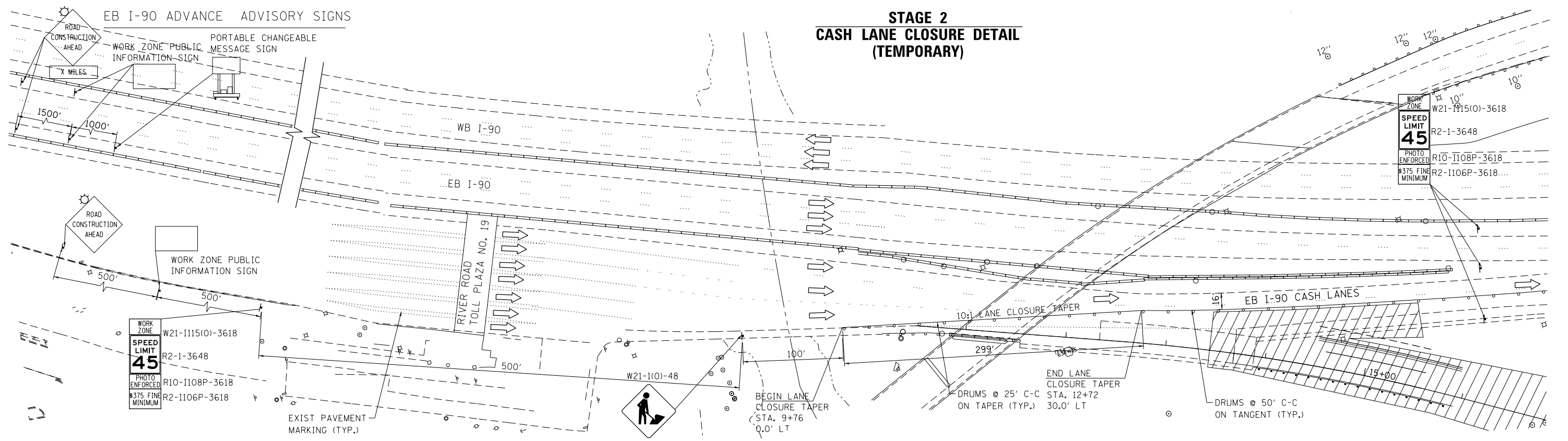
STAGE 2 CASH LANE SHOULDER CLOSURE

NOTES:

- 1) CLOSE EB I-90 CASH LANE OUTSIDE SHOULDER WITH TYPE II BARRICADES OR DRUMS AS SHOWN ON THE PLANS.
- 2) TOLLWAY ADVANCE SIGNAGE PLACEMENTS AND TEMPORARY LANE CLOSURES/TOLL BOOTH CLOSURES SHALL BE COORDINATED WITH ANY ADJACENT IDOT AND TOLLWAY PROJECTS.
- 3) REFER TO SPECIAL PROVISION "TOLLWAY MAINTENANCE OF TRAFFIC AND LANE CLOSURE RESTRICTION" FOR ALLOWABLE HOURS FOR LANE AND SHOULDER CLOSURE ALONG TOLLWAY EB I-90.
- 4) ANY CHANGES IN TRAFFIC PATTERN NEAR THE PLAZA OR LANE/SHOULDER CLOSURE ALONG EB I-90 SHALL BE COORDINATED WITH TOLLWAY PLAZA MANAGER.
- 5) MAINTAIN THE ADVANCE ADVISORY SIGN ALONG EB I-90 FROM STAGE 1.
- 6) CONTRACTOR WILL BE ALLOWED TO TEMPORARILY CLOSE THE CASH LANE NEXT TO THE OUTSIDE SHOULDER FOR COMPLETION OF THE TIE-IN PAVEMENT DURING ALLOWABLE HOURS AS SPECIFIED IN SPECIAL PROVISION. THE TIE-IN PAVEMENT AREA IS ESTIMATED BETWEEN FLYOVER STA. 13+68 AND STA. 15+00 FOR THE WIDTH OF THE RAMP. DETAIL FOR TEMPORARY CASH LANE CLOSURE IS SHOWN BELOW.



STAGE 2 CASH LANE CLOSURE DETAIL (TEMPORARY)



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 Chicago, IL
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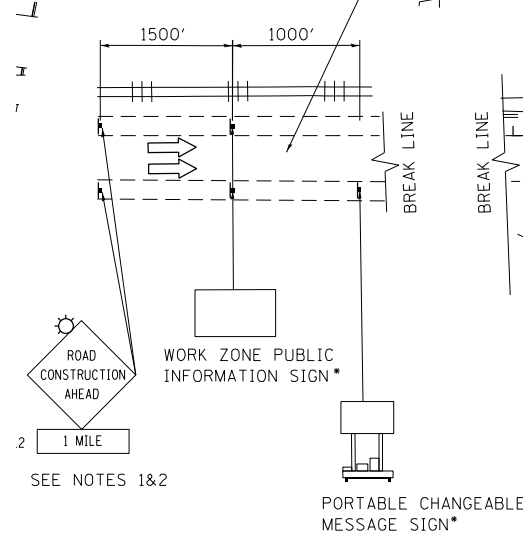
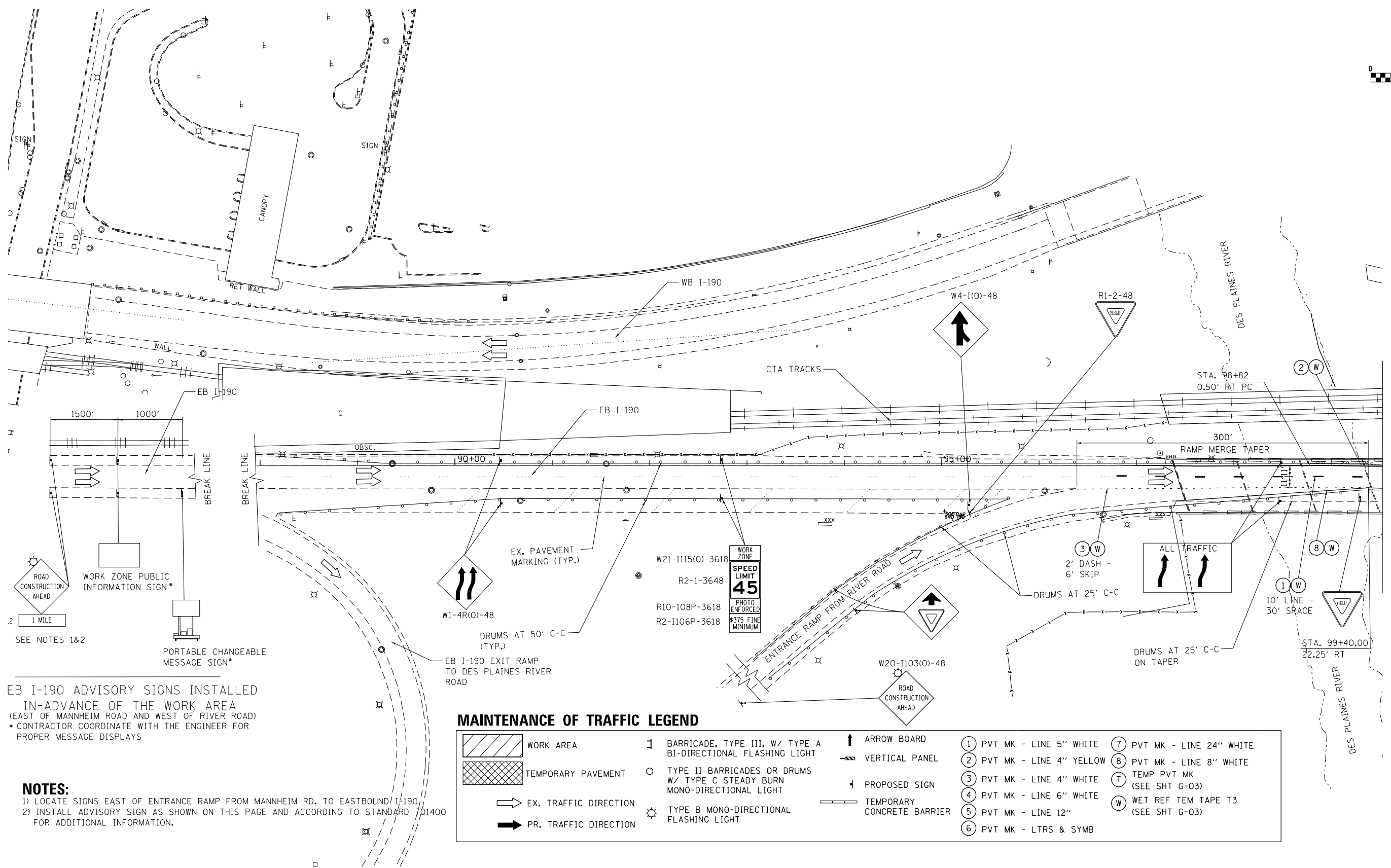
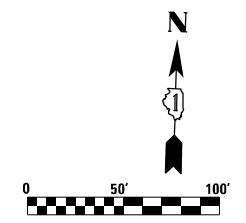
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PLOT DATE = 5/26/2016	CHECKED - KA	REVISED -
	DATE - 05/06/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2 EB			
SCALE:	SHEET	OF SHEETS	STA. 100+00.00 TO STA. 113+31.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	92
				CONTRACT NO. 60X56
ILLINOIS FED. AID PROJECT				

MOT-12



EB I-190 ADVISORY SIGNS INSTALLED IN-ADVANCE OF THE WORK AREA
 (EAST OF MANNHEIM ROAD AND WEST OF RIVER ROAD)
 • CONTRACTOR COORDINATE WITH THE ENGINEER FOR PROPER MESSAGE DISPLAYS

NOTES:
 1) LOCATE SIGNS EAST OF ENTRANCE RAMP FROM MANNHEIM RD. TO EASTBOUND I-190.
 2) INSTALL ADVISORY SIGN AS SHOWN ON THIS PAGE AND ACCORDING TO STANDARD 701400 FOR ADDITIONAL INFORMATION.

MAINTENANCE OF TRAFFIC LEGEND

WORK AREA	BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT	ARROW BOARD	PVT MK - LINE 5" WHITE	PVT MK - LINE 24" WHITE
TEMPORARY PAVEMENT	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT	VERTICAL PANEL	PVT MK - LINE 4" YELLOW	PVT MK - LINE 8" WHITE
EX. TRAFFIC DIRECTION	TYPE B MONO-DIRECTIONAL FLASHING LIGHT	PROPOSED SIGN	PVT MK - LINE 4" WHITE	TEMP PVT MK (SEE SHT G-03)
PR. TRAFFIC DIRECTION		TEMPORARY CONCRETE BARRIER	PVT MK - LINE 6" WHITE	WET REF TEM TAPE T3 (SEE SHT G-03)
			PVT MK - LINE 12"	
			PVT MK - LTRS & SYMB	

MATCH LINE EB I-190 STA. 99+56 MOT-14

FILE NAME: \\exp\mot-2-01a.dgn

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 Chicago, IL
 BUILDINGS EARTH & ENVIRONMENT ENERGY
 INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

USER NAME = mohamma	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - KA	REVISED -
PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

STAGE 2 EB

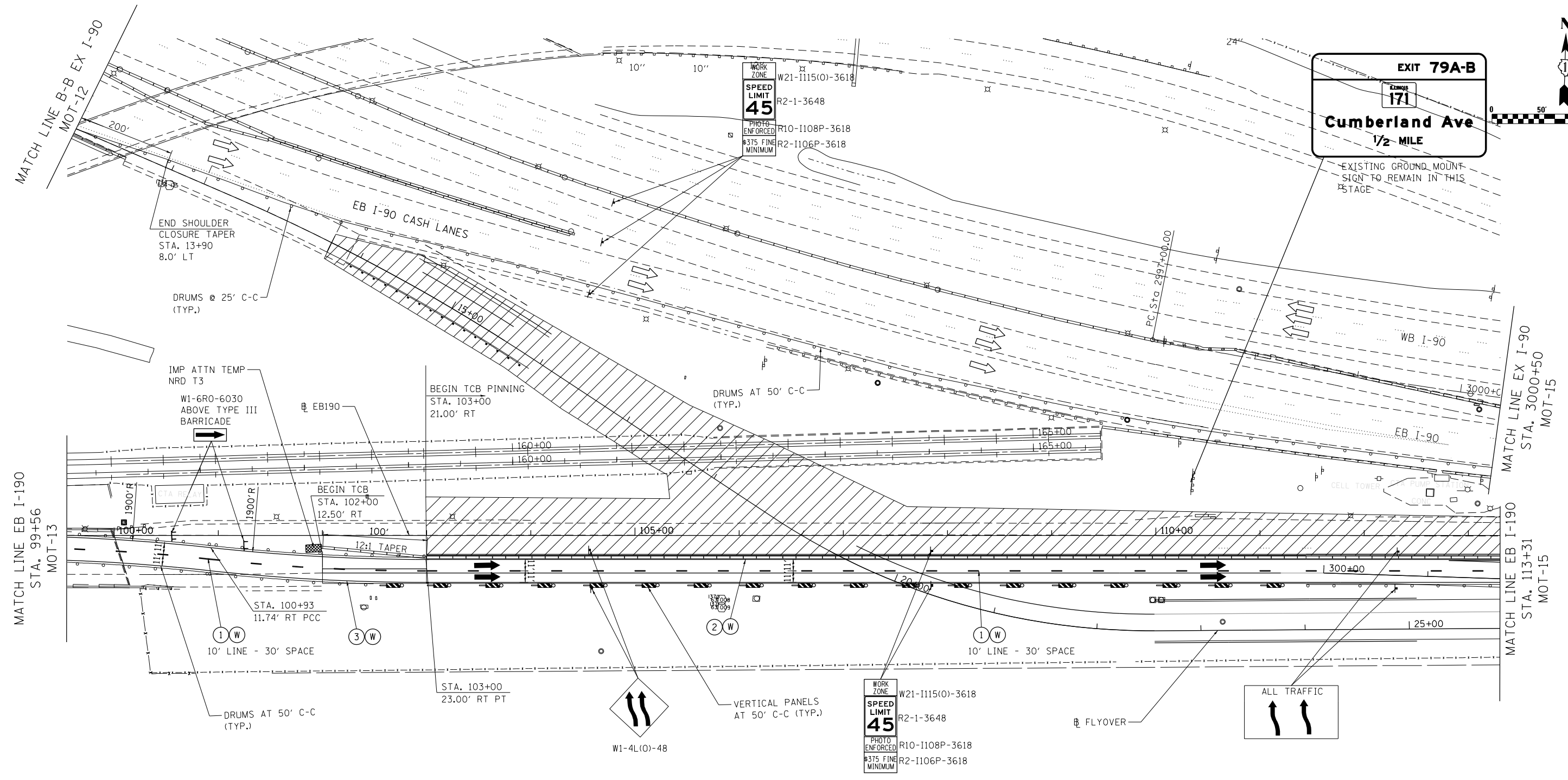
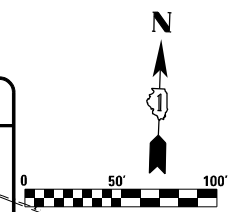
SCALE:	SHEET	OF	SHEETS	STA. 100+00.00	TO	STA. 113+31.00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	93
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

MOT-13

EXIT 79A-B

Cumberland Ave
 1/2 MILE



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		ARROW BOARD		1 PVT MK - LINE 5" WHITE		7 PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT		VERTICAL PANEL		2 PVT MK - LINE 4" YELLOW		8 PVT MK - LINE 8" WHITE
	EX. TRAFFIC DIRECTION		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		PROPOSED SIGN		3 PVT MK - LINE 4" WHITE		T TEMP PVT MK (SEE SHT G-03)
	PR. TRAFFIC DIRECTION		TEMPORARY CONCRETE BARRIER		TEMPORARY CONCRETE BARRIER		4 PVT MK - LINE 6" WHITE		W WET REF TEM TAPE T3 (SEE SHT G-03)
							5 PVT MK - LINE 12"		Z PAVT MARK TAPE T4
							6 PVT MK - LTRS & SYMB		

NOTES:

- 1) CLOSE EB I-90 CASH LANE OUTSIDE SHOULDER WITH TYPE II BARRICADES OR DRUMS AS SHOWN ON THE PLANS.
- 2) CONSTRUCT THE FLYOVER RAMP TIE-IN WITH TOLLWAY CASH LANE NEAR FLYOVER STA. 13+80, UTILIZING THE TEMPORARY LANE CLOSURE ALONG I-90. ALLOWABLE HOURS FOR TEMPORARY LANE CLOSURES ARE DEFINED IN "TOLLWAY MAINTENANCE OF TRAFFIC AND LANE CLOSURE RESTRICTIONS" SPECIAL PROVISION.
- 3) TEMPORARY CASH LANE CLOSURE ALONG EB I-90 FOR COMPLETION OF THE TIE-IN FOR FLYOVER RAMP SHALL BE COORDINATED WITH TOLLWAY. TRAFFIC CONTROL ITEMS FOR THE LANE CLOSURE SHALL BE ACCORDING TO TOLLWAY CRITERIA, AND MUST BE FURNISHED FOR TOLLWAY REVIEW AND APPROVAL 72 HOURS AHEAD OF CLOSURE.
- 4) REFER TO SPECIAL PROVISION UNDER "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC" FOR ANY TEMPORARY LANE CLOSURE ALONG EB I-90 AND IDOT EB I-90.
- 5) RECONSTRUCT EB I-90 INSIDE SHOULDER, LANE 1 AND HALF OF LANE 2 DURING THIS STAGE.

FILE NAME: \\exp\proj\2016\MOT-2-01B.dgn

exp U.S. Services Inc.
 CHICAGO, IL
 BUILDINGS, EARTH & ENVIRONMENT, ENERGY
 INDUSTRIAL INFRASTRUCTURE, SUSTAINABILITY

USER NAME = mohamma	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - KA	REVISED -
PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

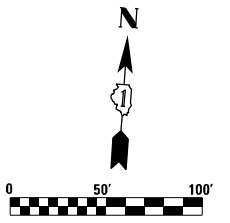
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE 2 EB**

SCALE: SHEET OF SHEETS STA. 100+00.00 TO STA. 113+31.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	94
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

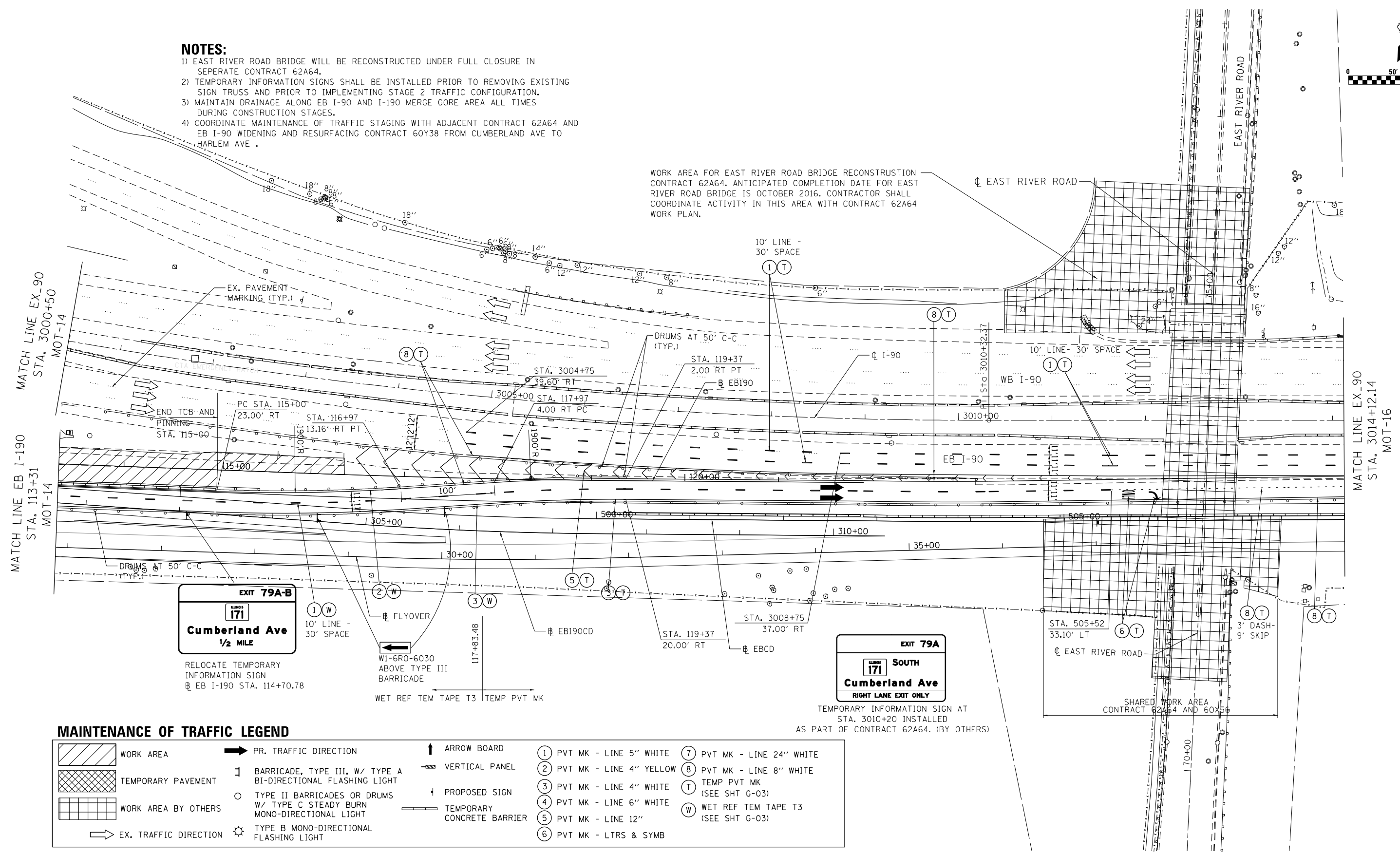
MOT-14



NOTES:

- 1) EAST RIVER ROAD BRIDGE WILL BE RECONSTRUCTED UNDER FULL CLOSURE IN SEPERATE CONTRACT 62A64.
- 2) TEMPORARY INFORMATION SIGNS SHALL BE INSTALLED PRIOR TO REMOVING EXISTING SIGN TRUSS AND PRIOR TO IMPLEMENTING STAGE 2 TRAFFIC CONFIGURATION.
- 3) MAINTAIN DRAINAGE ALONG EB I-90 AND I-190 MERGE GORE AREA ALL TIMES DURING CONSTRUCTION STAGES.
- 4) COORDINATE MAINTENANCE OF TRAFFIC STAGING WITH ADJACENT CONTRACT 62A64 AND EB I-90 WIDENING AND RESURFACING CONTRACT 60Y38 FROM CUMBERLAND AVE TO HARLEM AVE .

WORK AREA FOR EAST RIVER ROAD BRIDGE RECONSTRUCTION CONTRACT 62A64. ANTICIPATED COMPLETION DATE FOR EAST RIVER ROAD BRIDGE IS OCTOBER 2016. CONTRACTOR SHALL COORDINATE ACTIVITY IN THIS AREA WITH CONTRACT 62A64 WORK PLAN.



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		PR. TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 5" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	WORK AREA BY OTHERS		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT		PROPOSED SIGN		PVT MK - LINE 4" WHITE		TEMP PVT MK (SEE SHT G-03)
	EX. TRAFFIC DIRECTION		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE SHT G-03)
			PVT MK - LINE 12"				PVT MK - LTRS & SYMB		

TEMPORARY INFORMATION SIGN AT STA. 3010+20 INSTALLED AS PART OF CONTRACT 62A64. (BY OTHERS)

FILE NAME: \\exp\proj\2016\1517R-1\1517R-1\MOT-2-02.dgn



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PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

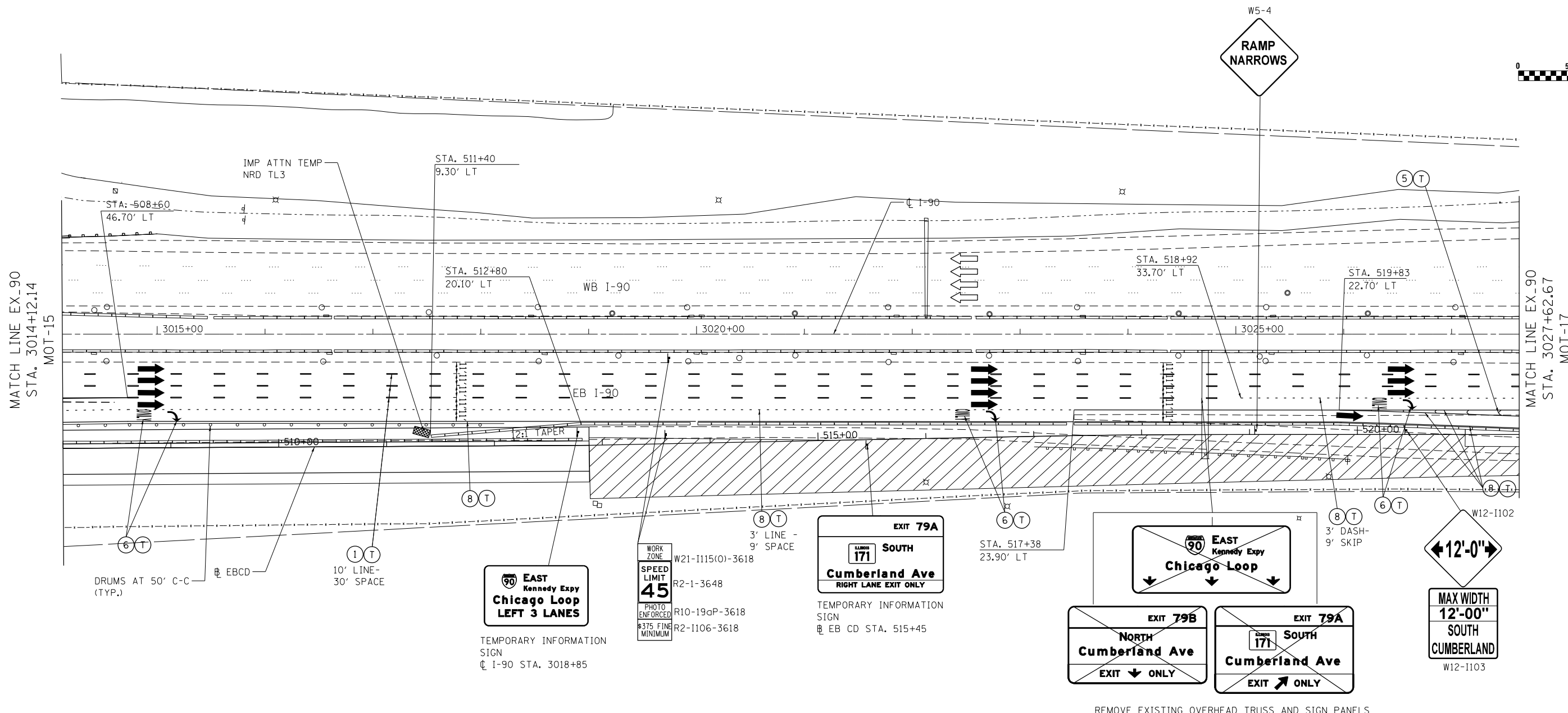
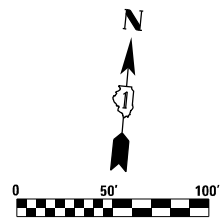
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL STAGE 2 EB

SCALE: SHEET OF SHEETS STA. 3003+38.74 TO STA. 3014+12.14

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	95
CONTRACT NO. 60X56			ILLINOIS FED. AID PROJECT	

MOT-15



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		ARROW BOARD		PVT MK - LINE 5" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT		TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN MONO-DIRECTIONAL LIGHT		VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	EX. TRAFFIC DIRECTION		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		PROPOSED SIGN		PVT MK - LINE 4" WHITE		TEMP PVT MK (SEE SHT G-03)
	PR. TRAFFIC DIRECTION		TEMPORARY CONCRETE BARRIER				PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE SHT G-03)
							PVT MK - LINE 12"		
							PVT MK - LTRS & SYMB		

NOTES:

- 1) TEMPORARY INFORMATION SIGNS SHALL BE INSTALLED PRIOR TO REMOVING EXISTING SIGN PANELS AND PRIOR TO IMPLEMENTING STAGE 2 TRAFFIC CONFIGURATION.
- 2) EXISTING TRUSS SHALL BE REMOVED IMMEDIATELY AFTER REMOVAL OF THE PANELS.

REMOVE EXISTING OVERHEAD TRUSS AND SIGN PANELS

FILE NAME: \\exp\proj\1517R-1\1517R-1\MOT-2-03.dgn



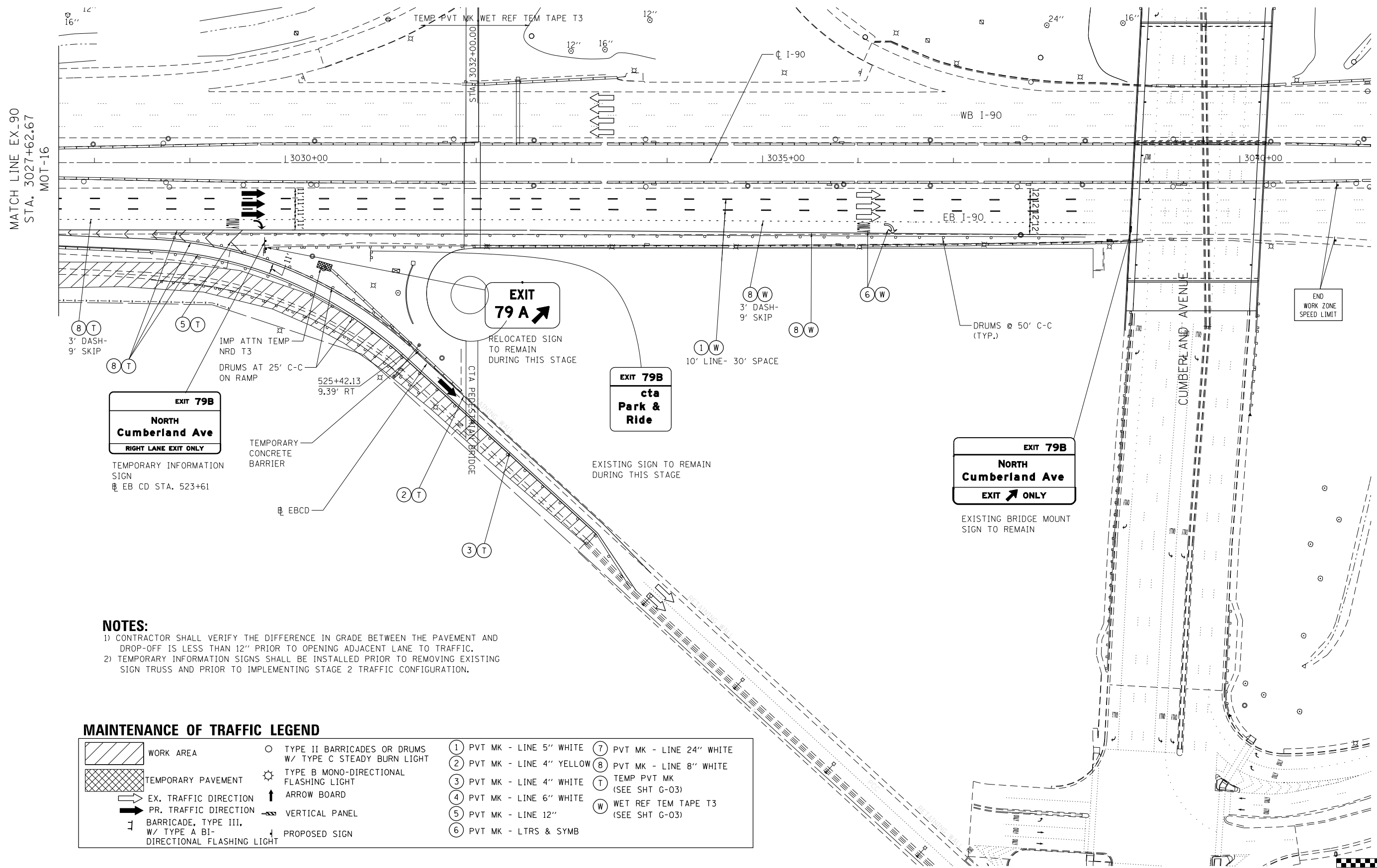
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	DRAWN - MM	REVISED -
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PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2 EB			
SCALE:	SHEET	OF SHEETS	STA. 3014+12.14 TO STA. 3027+62.67

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	96
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

MOT-16

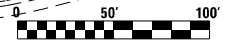


NOTES:

- 1) CONTRACTOR SHALL VERIFY THE DIFFERENCE IN GRADE BETWEEN THE PAVEMENT AND DROP-OFF IS LESS THAN 12" PRIOR TO OPENING ADJACENT LANE TO TRAFFIC.
- 2) TEMPORARY INFORMATION SIGNS SHALL BE INSTALLED PRIOR TO REMOVING EXISTING SIGN TRUSS AND PRIOR TO IMPLEMENTING STAGE 2 TRAFFIC CONFIGURATION.

MAINTENANCE OF TRAFFIC LEGEND

WORK AREA	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT	PVT MK - LINE 5" WHITE	PVT MK - LINE 24" WHITE
TEMPORARY PAVEMENT	TYPE B MONO-DIRECTIONAL FLASHING LIGHT	PVT MK - LINE 4" YELLOW	PVT MK - LINE 8" WHITE
EX. TRAFFIC DIRECTION	ARROW BOARD	PVT MK - LINE 4" WHITE	TEMP PVT MK (SEE SHT G-03)
PR. TRAFFIC DIRECTION	VERTICAL PANEL	PVT MK - LINE 6" WHITE	WET REF TEM TAPE T3 (SEE SHT G-03)
BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT	PROPOSED SIGN	PVT MK - LINE 12"	
		PVT MK - LTRS & SYMB	



FILE NAME: \\exp\proj\2016\MOT-2-04.dgn

exp U.S. Services Inc.
Chicago, IL
BUILDINGS EARTH & ENVIRONMENT ENERGY
INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

USER NAME = mohamma	DESIGNED - MM	REVISED -
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PLOT DATE = 4/28/2016	CHECKED - KA	REVISED -
	DATE - 05/06/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 2 EB			
SCALE:	SHEET	OF	SHEETS
			STA. 3027+62.67 TO STA. 3041+00.00

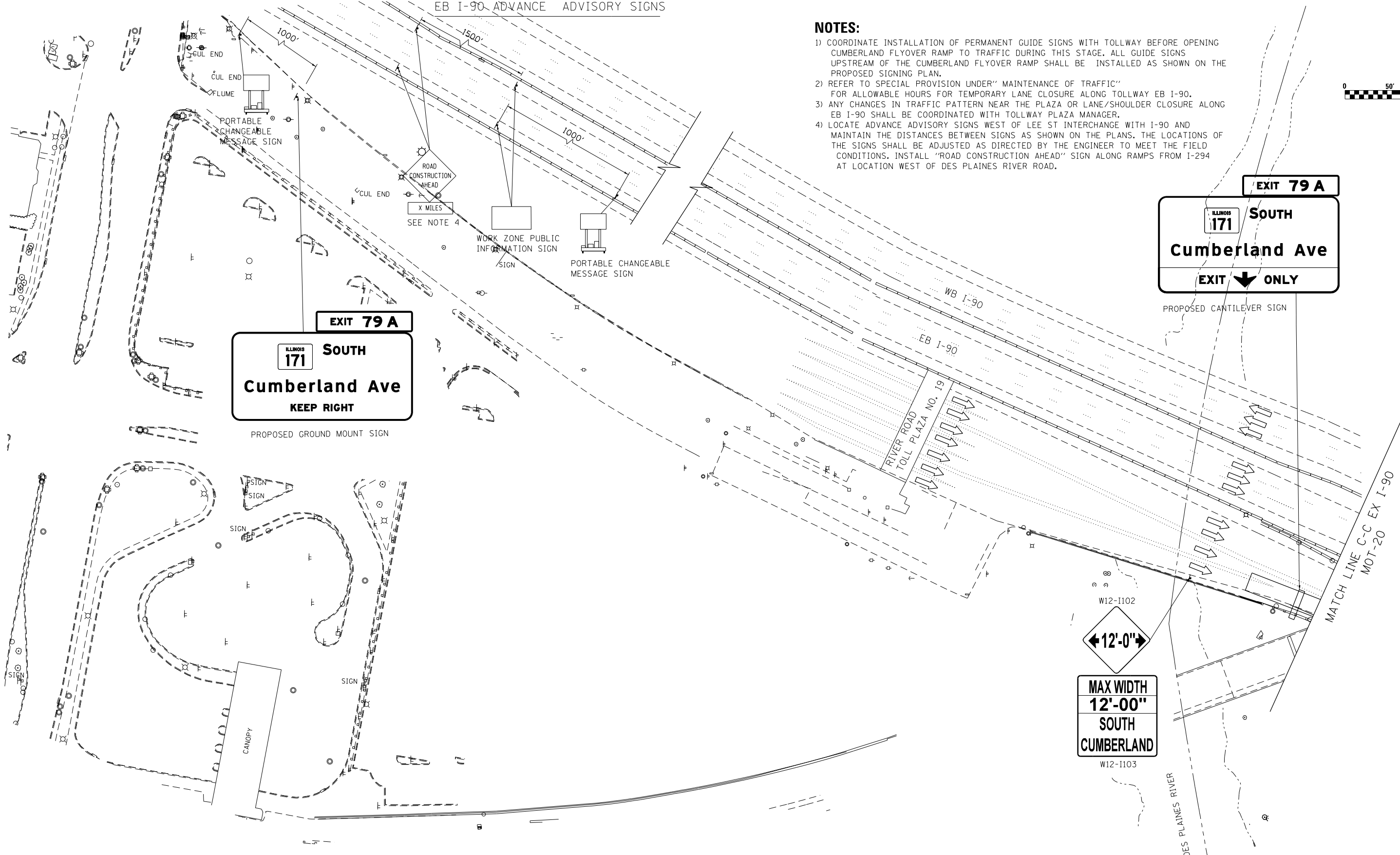
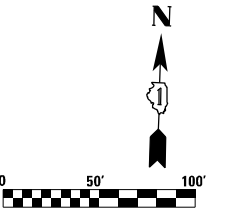
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	97
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

MOT-17

EB I-90 ADVANCE ADVISORY SIGNS

NOTES:

- 1) COORDINATE INSTALLATION OF PERMANENT GUIDE SIGNS WITH TOLLWAY BEFORE OPENING CUMBERLAND FLYOVER RAMP TO TRAFFIC DURING THIS STAGE. ALL GUIDE SIGNS UPSTREAM OF THE CUMBERLAND FLYOVER RAMP SHALL BE INSTALLED AS SHOWN ON THE PROPOSED SIGNING PLAN.
- 2) REFER TO SPECIAL PROVISION UNDER "MAINTENANCE OF TRAFFIC" FOR ALLOWABLE HOURS FOR TEMPORARY LANE CLOSURE ALONG TOLLWAY EB I-90.
- 3) ANY CHANGES IN TRAFFIC PATTERN NEAR THE PLAZA OR LANE/SHOULDER CLOSURE ALONG EB I-90 SHALL BE COORDINATED WITH TOLLWAY PLAZA MANAGER.
- 4) LOCATE ADVANCE ADVISORY SIGNS WEST OF LEE ST INTERCHANGE WITH I-90 AND MAINTAIN THE DISTANCES BETWEEN SIGNS AS SHOWN ON THE PLANS. THE LOCATIONS OF THE SIGNS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET THE FIELD CONDITIONS. INSTALL "ROAD CONSTRUCTION AHEAD" SIGN ALONG RAMPS FROM I-294 AT LOCATION WEST OF DES PLAINES RIVER ROAD.



EXIT 79 A
 ILLINOIS 171 **SOUTH Cumberland Ave**
 KEEP RIGHT

PROPOSED GROUND MOUNT SIGN

EXIT 79 A
 ILLINOIS 171 **SOUTH Cumberland Ave**
 EXIT ONLY

PROPOSED CANTILEVER SIGN

W12-1102
 ←12'-0"→
 MAX WIDTH 12'-00"
 SOUTH CUMBERLAND
 W12-1103

FILE NAME: I:\MOT-18\MOT-3-01.dgn

exp U.S. Services Inc.
 CHICAGO, IL
 BUILDINGS, EARTH & ENVIRONMENT, ENERGY
 INDUSTRIAL INFRASTRUCTURE, SUSTAINABILITY

USER NAME = mohamma	DESIGNED - MM	REVISED -
	DRAWN - MM	REVISED -
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PLOT DATE = 4/28/2016	DATE - 05/06/2016	REVISED -

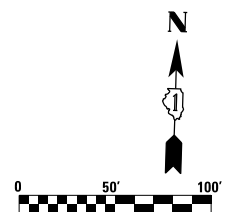
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 3 EB

SCALE: SHEET OF SHEETS STA. 100+00.00 TO STA. 113+31.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	98
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				

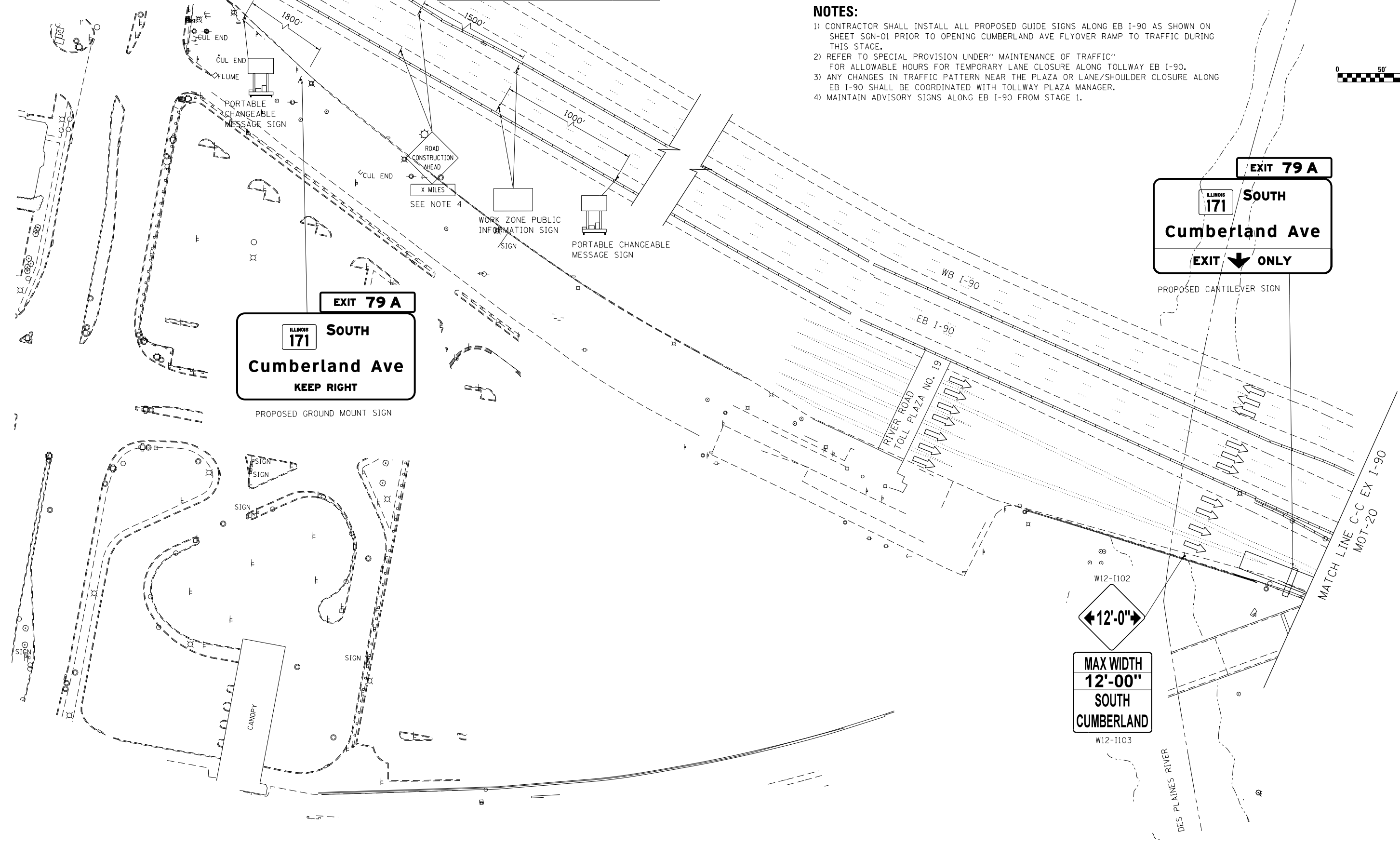
MOT-18



NOTES:

- 1) CONTRACTOR SHALL INSTALL ALL PROPOSED GUIDE SIGNS ALONG EB I-90 AS SHOWN ON SHEET SGN-01 PRIOR TO OPENING CUMBERLAND AVE FLYOVER RAMP TO TRAFFIC DURING THIS STAGE.
- 2) REFER TO SPECIAL PROVISION UNDER "MAINTENANCE OF TRAFFIC" FOR ALLOWABLE HOURS FOR TEMPORARY LANE CLOSURE ALONG TOLLWAY EB I-90.
- 3) ANY CHANGES IN TRAFFIC PATTERN NEAR THE PLAZA OR LANE/SHOULDER CLOSURE ALONG EB I-90 SHALL BE COORDINATED WITH TOLLWAY PLAZA MANAGER.
- 4) MAINTAIN ADVISORY SIGNS ALONG EB I-90 FROM STAGE 1.

EB I-90 ADVANCE ADVISORY SIGNS



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 exp U.S. Services Inc. Chicago, IL
 BUILDINGS EARTH & ENVIRONMENT ENERGY INDUSTRIAL INFRASTRUCTURE SUSTAINABILITY

MOT-18

USER NAME = mohamma	DESIGNED - MM	REVISED -
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PLOT SCALE = 1,0000' / 1" =	CHECKED - KA	REVISOR -
PLOT DATE = 5/26/2016	DATE - 05/06/2016	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
STAGE 3 EB			
SCALE:	SHEET	OF SHEETS	STA. 100+00.00 TO STA. 113+31.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
190	1517R-1(13)	COOK	580	100
CONTRACT NO. 60X56				
ILLINOIS FED. AID PROJECT				