

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: June 17, 2014
Date of Addendum: June 5, 2014

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
102	07-C007-129	PCC PAVEMENT - GRADE & REPLACE	BLACK HAWK	FM-TSF-C007(129)--5B-07	17JUN102.A01

Notice: Only the bid proposal holders receive this addendum and responsibility for notifying any potential subcontractors or suppliers remains with the proposal holder.

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

Change Proposal Line No. 0080 2121-7425020 GRANULAR SHOULDERS, TYPE B:
From: 3,257.700 TON
To: 4,373.300 TON

Change Proposal Line No. 0090 2213-2713300 EXCAVATION, CLASS 13, FOR WIDENING:
From: 423.400 CY
To: 670.700 CY

If the above changes are not made, they will be made as shown here.

Make the following changes to the plan:

Replace Plan Sheets B.01, B.02, B.03, B.04, B.06, C.1 and C.6 with attached Plan Sheets B.01, B.02, B.03, B.04, B.06, C.1 and C.6

Note: The following is a brief description of the changes to Plan Sheet:

Sheet B.01:

- Changed Class 13 Excavation from 1' width to a daylight to foreslope removal.
- Added SH dimension and note.
- Added BW dimension and note.
- Revised Class 13 notes in both typicals.

Sheet B.02, Changed Typical (Granular Shldr Adjacent to PCC Whitetopping):

- Combined H1 and H2 into one H dimension.
- Changed the limits of Class 13 Excavation.
- Changed the tons of granular required per station per side.

Sheets B.02 to B.04:

- Changed the Granular Subbase designation to Modified Subbase on all typicals.

Sheet B.06:

- Changed the Class 13 Excavation Limits on Typical.

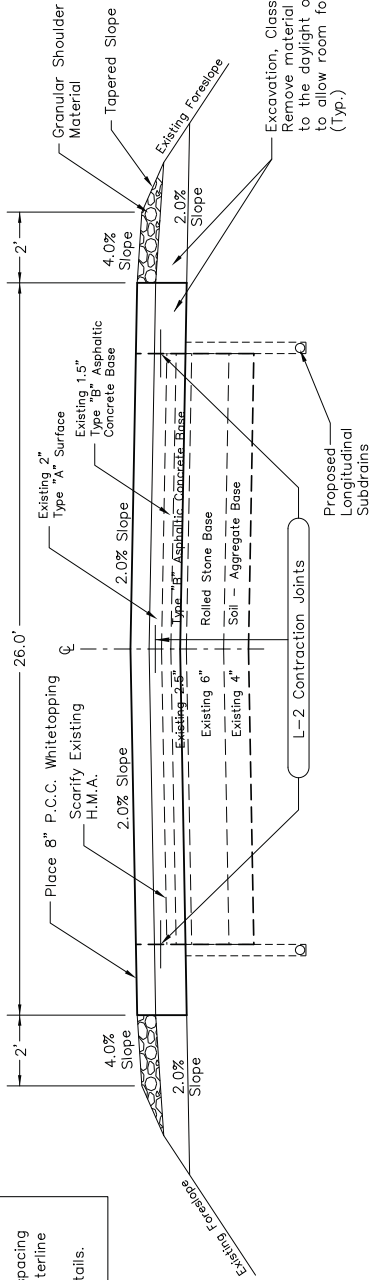
Sheet C.1:

- Revised Item No. 8 and Item No. 9 quantities.
- Revised Estimate Reference Note to Item No. 8 for change in Class 13 Excavation limits.

Sheet C.6, Revised Tabulation 112-9:

- Revised Class 13 Excavation quantities.
- Revised Granular Shoulder quantities.

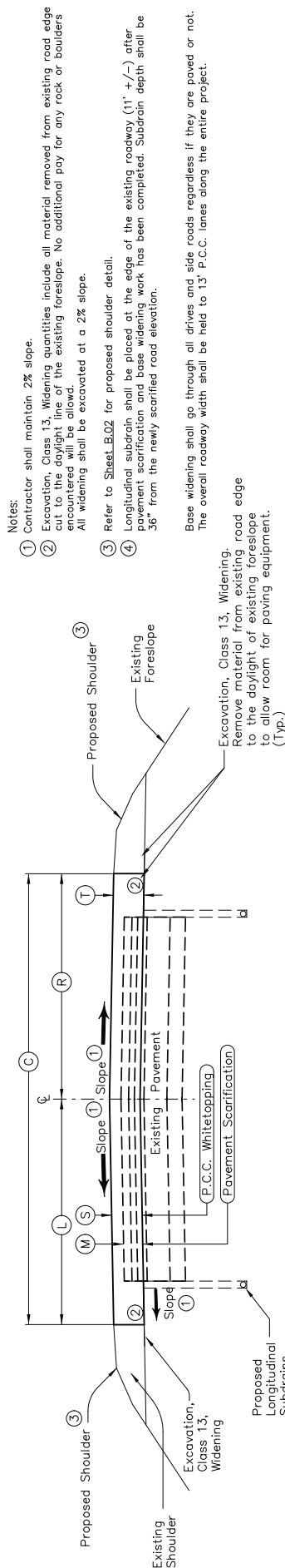
Mainline Jointing
 Transverse Joints: 'CD' at 14' spacing
 Longitudinal Joints: L-2 at centerline
 'L-2' centered at 11' offset
 Refer to Sheet B.02 for Joint Details.



Typical Cross Section for Whitetopping

(432+66 to 476+37) (1/8 Mile North of Washburn Road to 130 Feet South of Orange Road)
 (4,370')

EXISTING 22' x 6" H.M.A. PAVEMENT
 (Scarify Existing H.M.A. Pavement, Class 13 Excavate for Widening, and then place 8" P.C.C. Whitetopping)



Location	Mainline Location Design Quantities (Per Station Per Side)												
	(M)	(S)	(C)	(L)	(R)	(P.C.C. Whitetop)	(T)	(SH)	(BW)	(Class 13 Excavation)			
Road Ident./Station to Station	IN	IN	FT	FT	FT	FT	IN	FT	FT	CY	FT	FT	CY
Desert Road 432+66.72 to 476+37.0	5.0	8.0	26	13	13	144.44	32.1	8.0	3.0	2.0	7.18		

- Notes:
- Contractor shall maintain 2% slope.
 - Excavation, Class 13, Widening quantities include all material removed from existing road edge cut to the daylight line of the existing foreslope. No additional pay for any rock or boulders encountered will be allowed. All widening shall be excavated at a 2% slope.
 - Refer to Sheet B.02 for proposed shoulder detail.
 - Longitudinal subdrain shall be placed at the edge of the existing roadway (11' +/-) after pavement scarification and base widening work has been completed. Subdrain depth shall be 36" from the newly scarified road elevation.
- Base widening shall go through all drives and side roads regardless if they are paved or not. The overall roadway width shall be held to 13' P.C.C. lanes along the entire project.
- (M) Profile scarification - depth will vary to the Contractors established profile. Estimated at a 5" average throughout the project.
 (SH) Denotes minimum width of remaining roadway top surface typical both sides.
 Width does vary throughout the project. Ranges from 3' to 5.5'.

CROSS SECTION DETAILS

SHEET NUMBER B.01

PROJECT NUMBER FM-TSF-C007(129)-5B-07

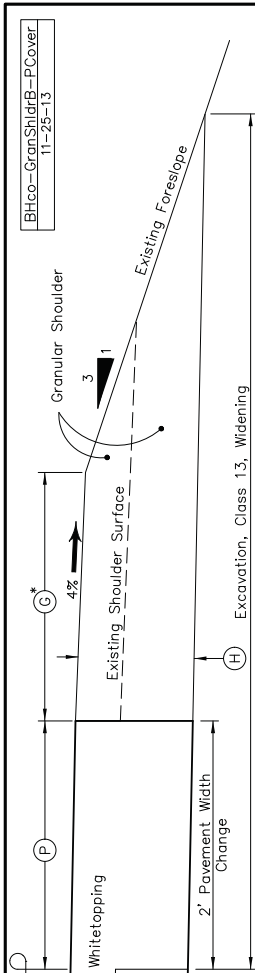
COUNTY

BLACK HAWK

AECOM/DURBAHN/PAAR

DESIGN TEAM

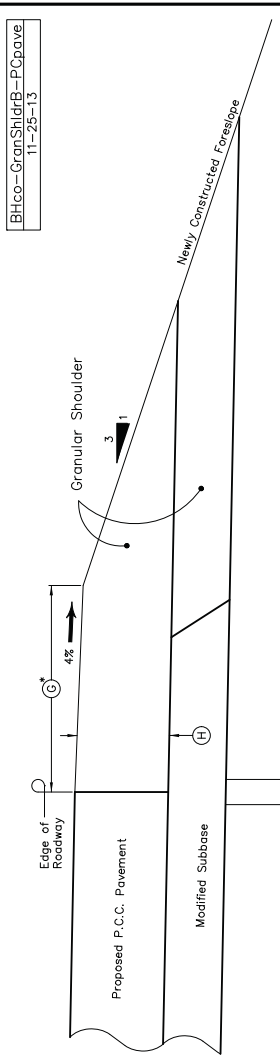
C



TYPICAL SECTION TYPE 'B' GRANULAR SHOULDER
Adjacent to P.C.C. Whitetopping

BHco-GranShldrB-PCover
11-25-13

Road Identification	Location Station to Station	Station to Station	Total Granular Area		Side		Tons
			50 FT	Both	Both	(1)	
Dysart Road	Refer to Table 112-9		2	2	8	8	16.0



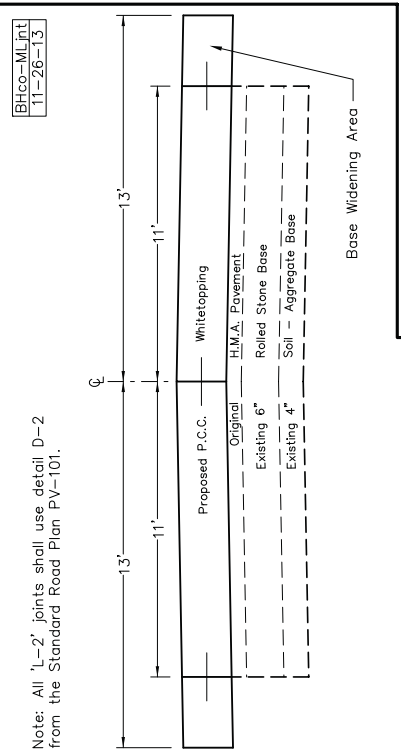
TYPICAL SECTION TYPE 'B' GRANULAR SHOULDER
Adjacent to P.C.C. Pavement

BHco-GranShldrB-PCpave
11-25-13

Road Identification	Location Station to Station	Station to Station	Side	
			FT	IN
Dysart Rd Aux. Lane	Refer to Table 112-9		4	8
Dysart Road Taper	Refer to Table 112-9		Varies	8
Dysart Road	Refer to Table 112-9		6	8
Washburn Road	Refer to Table 112-9		3	8

Quantities have been determined on the basis of a design density of 140 lbs. per cu. ft.
 * Top Shoulder width varies;
 * Refer to Table 112-9 on C-Sheets for shoulder rock and earth shoulder construction quantities.
 * Refer to L-Sheets for details.

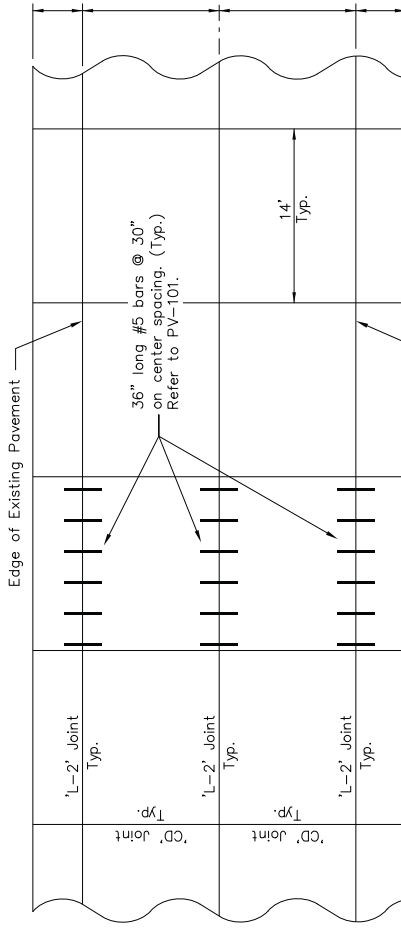
- ① Tons per station per side. Quantities have been determined on the basis of a design density of 140 lbs. per cu. ft.
- * Top Shoulder width is 2', but used 2.5' +/- for calculating tonnage to include the 3:1 slope material. Shoulder material shall be placed in a minimum of 2 lifts/passages to ensure proper compaction.



TYPICAL CROSS SECTION
BAR JOINT DETAIL

BHco-MLJnt
11-26-13

Note: All 'L-2' joints shall use detail D-2 from the Standard Road Plan PV-101.



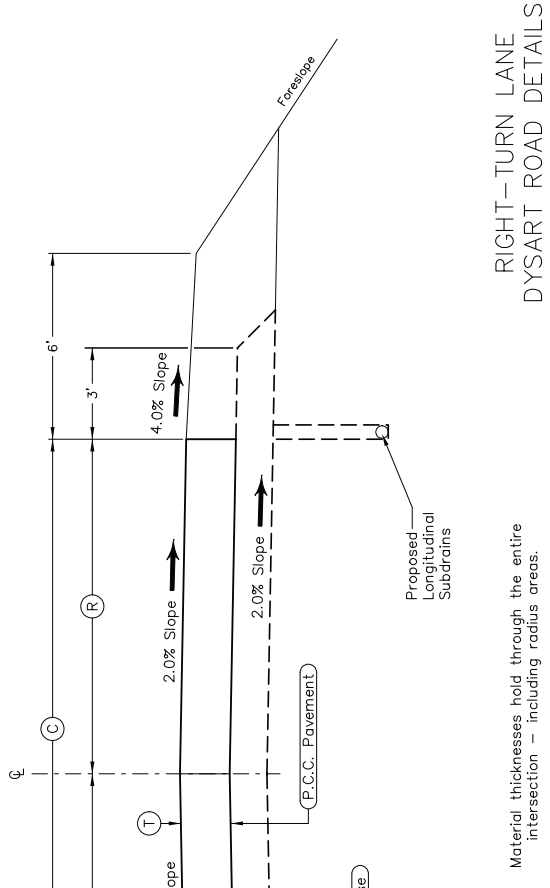
TYPICAL DETAILS

PROJECT NUMBER: **FM-TSF-C007(129)-5B-07**

COUNTY: **BLACK HAWK**

DESIGN TEAM: **AECOM/DURBAHN/PAAR**

SHEET NUMBER: **B.02**



**RIGHT-TURN LANE
DYSART ROAD DETAILS**

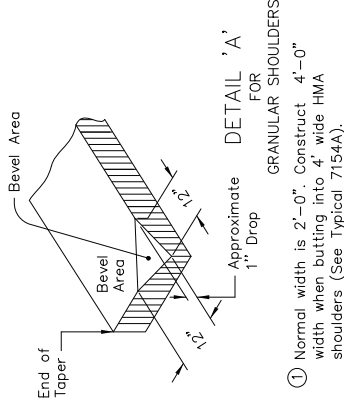
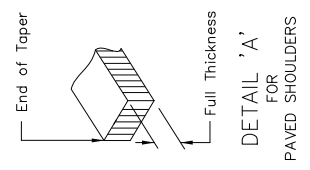
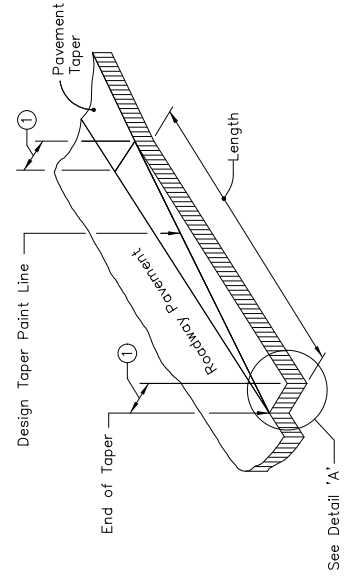
Material thicknesses hold through the entire intersection - including radius areas.

Location		D	T	C	L	R	X	Remarks
Road Ident.	Station to Station	IN	IN	FT	FT	FT	FT	
Dysart Road	425+83.6	6.0	8.0	25	12	13	12	
Dysart Rd Taper	427+90.0	6.0	8.0	25	12	13	Varies	

7101
10-19-10

Note:
Taper pavement to be paid for at the contract unit price for P.C.C. concrete pavement.
Full header is included for payment.

**TYPICAL DETAILS OF
PCC PAVEMENT
HEADER**



TYPICAL DETAILS

SHEET NUMBER **B.03**

PROJECT NUMBER **FM-TSF-C007(129)--5B-07**

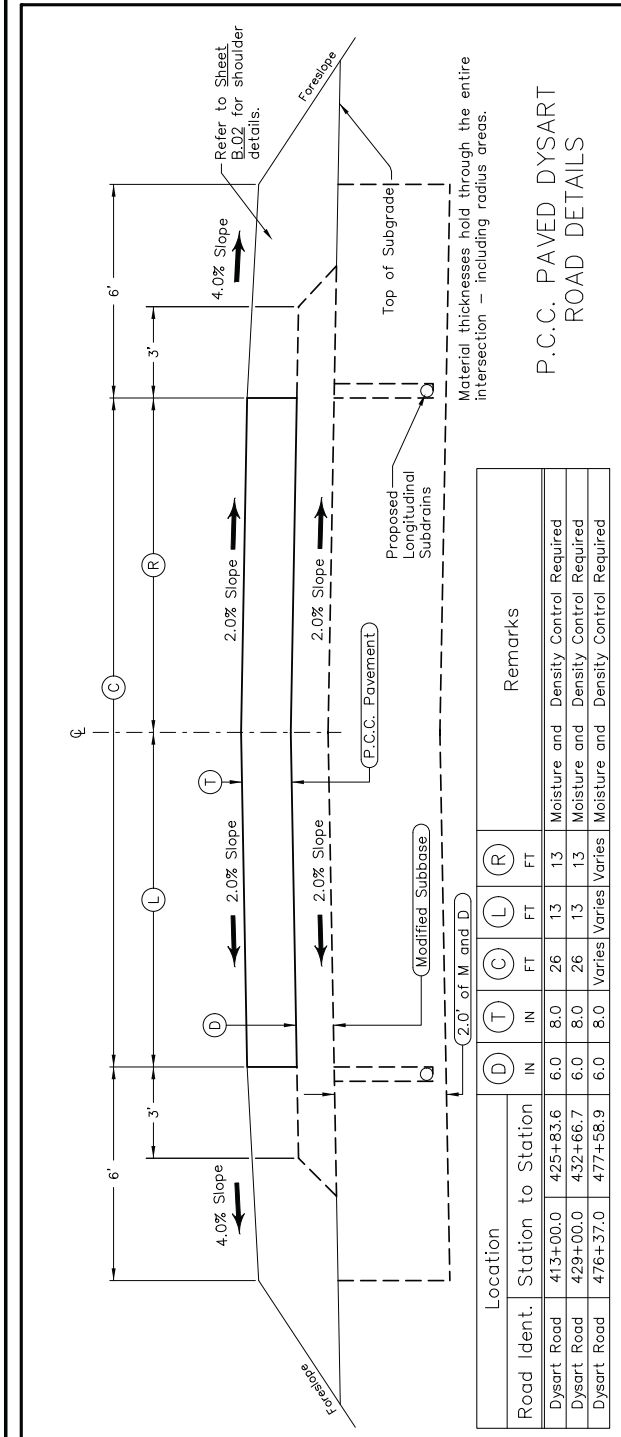
COUNTY **BLACK HAWK**

CONTRACT NUMBER **AECOM/DURBAHN/PAAR**

DESIGN TEAM

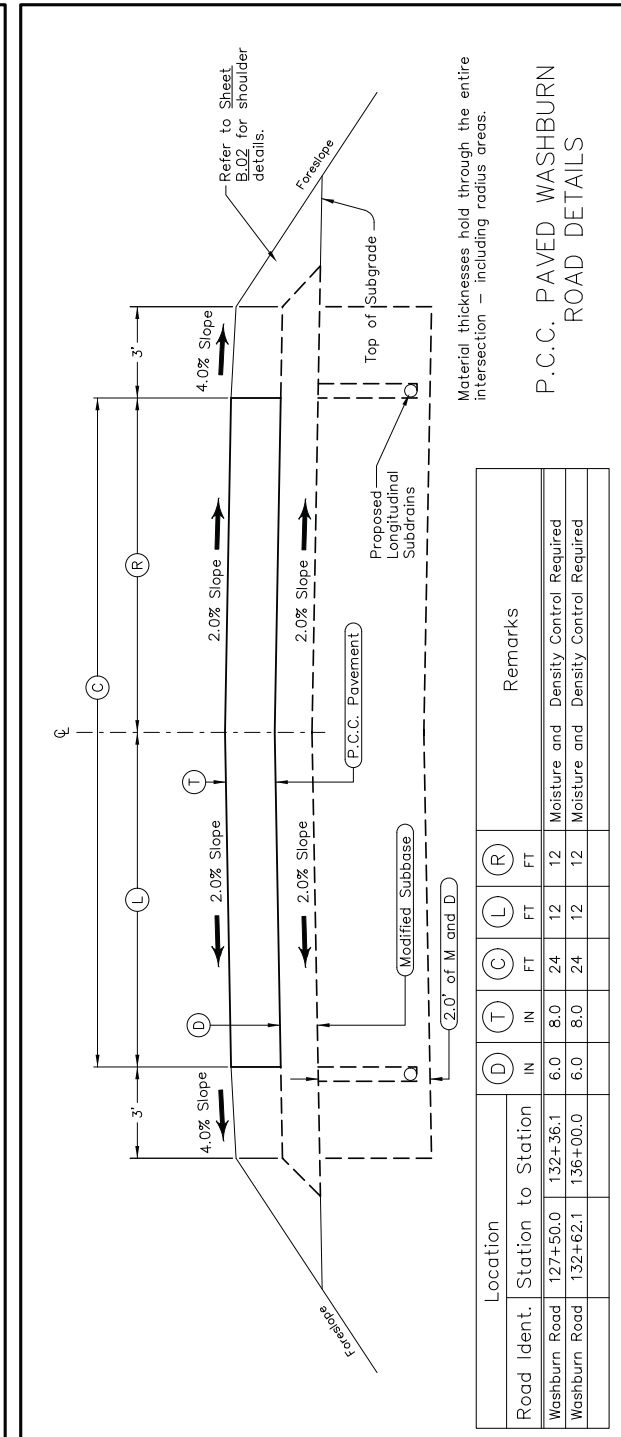
ENGLISH

DATE



P.C.C. PAVED DYSART ROAD DETAILS

Road Ident.	Station to Station	Location				Remarks
		D	T	C	R	
		IN	IN	FT	FT	
Dysart Road	413+00.0	6.0	8.0	26	13	Moisture and Density Control Required
Dysart Road	429+00.0	6.0	8.0	26	13	Moisture and Density Control Required
Dysart Road	476+37.0	6.0	8.0	Varies	Varies	Moisture and Density Control Required



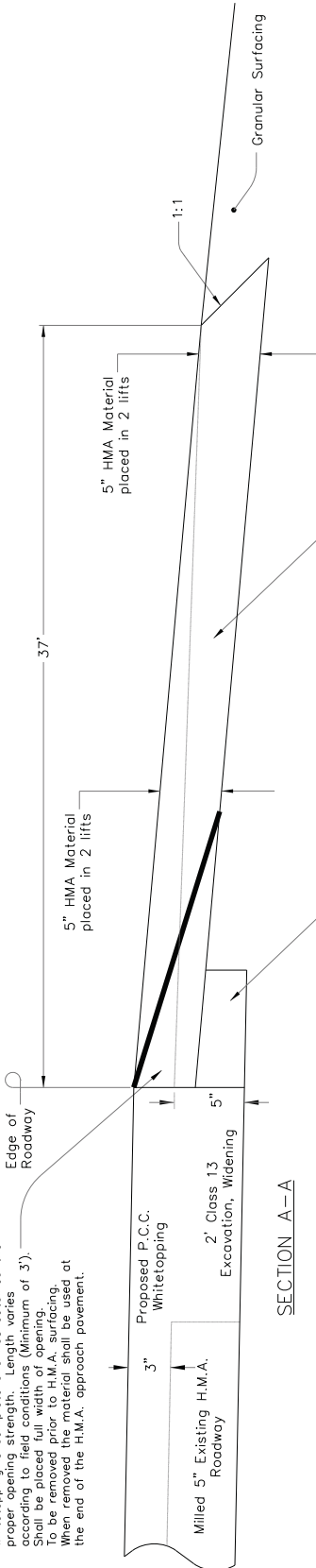
P.C.C. PAVED WASHBURN ROAD DETAILS

Road Ident.	Station to Station	Location				Remarks
		D	T	C	R	
		IN	IN	FT	FT	
Washburn Road	127+50.0	6.0	8.0	24	12	Moisture and Density Control Required
Washburn Road	132+62.1	6.0	8.0	24	12	Moisture and Density Control Required

TYPICAL DETAILS
SHEET NUMBER B.04

TYPICAL H.M.A. PAVED APPROACHES FOR NON-PAVED SIDE ROAD INTERSECTIONS

Temporary fillet of granular surfacing to be placed for an access ramp once the P.C.C. whitetopping is complete and has obtained the proper opening strength. Length varies according to field conditions (Minimum of 3'). Shall be placed full width of opening. To be removed prior to H.M.A. surfacing. When removed the material shall be used at the end of the H.M.A. approach pavement.



SECTION A-A

Excavation, Class 13, Widening. Remove material from existing road edge to the daylight of existing foreslope to allow room for paving equipment. (Typ.)

Surface of Existing Non-Paved Side Road Material will need to be removed to ensure full 5" side road H.M.A. thickness.

Note: Uniform thickness fillets of hot mix asphalt shall be constructed at non-paved side roads.

Fillet sizes as shown are recommended and shall be used for design and estimating purposes. The Engineer shall establish the size of each individual fillet to accommodate conditions at the site.

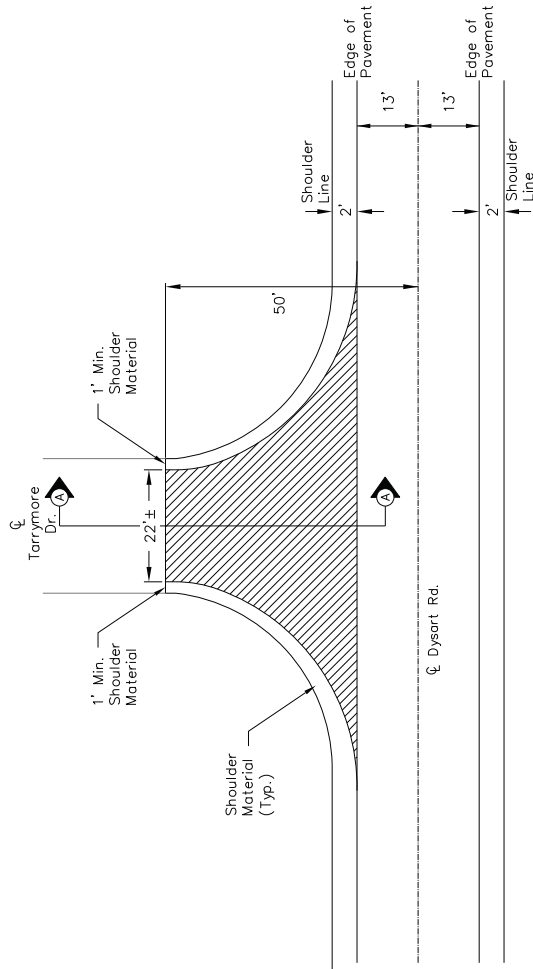
Special shaping of existing surface prior to placement of fillet may be required by the Engineer and shall be considered incidental to other work on the project. 12.8 CY of Class 13 Waste will be removed from Tarrymore Dr.


Side Road Fillet Note:

Side road material shall be placed in a minimum of 2 lifts.

Side road material will ALL be Base H.M.A. mix.

Existing side road rock will need to be removed to ensure full 5" H.M.A. thickness. All work to be included with H.M.A. bid items.



 H.M.A. Paved Approach Areas

Any Subgrade preparation shall be incidental to the cost of HMA Mix.

Radii shall be field adjusted to best fit current intersection being paved.

—Detail not to Scale—

NON-PAVED SIDE ROAD DETAILS

PROJECT NUMBER FM-TSF-C007(129)--5B-07

COUNTY BLACK HAWK

DESIGN TEAM AECOM/DURBAHN/PAAR

SHEET NUMBER B.06

ENGLISH IOWA DOT DESIGN TEAM

C

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
3	2182-2710078	EXCAVATION, CLASS B, ROADWAY AND BORROW See Tabulation 107-29 in the T-Sheets for tabulated quantities. Overhaul is included in the price bid for this item.
4	2182-2713090	EXCAVATION, CLASS 13, WASTE Item includes an 15" cone out after pavement removal on Dycart Road at the Orange Road intersection. All excavated material shall become the property of the Contractor and shall be removed from the site. Item also includes 12.6 CY of excavation for the Tarrymore Drive HMA paved approach.
5	2185-0425015	TOPSOIL, STRIP, SALVAGE AND SPREAD Item is for the uniform stripping of 12" topsoil along the ditch, backslope and construction limits within the road realignment area. See cross sections for additional details. The topsoil will be placed at a uniform 8" depth on all disturbed areas.
6	2107-0875000	CONTRACT WITH MOISTURE AND DENSITY CONTROL Moisture and Density will be required 2.0' below subgrade in both cut and fill situations. The quantity is calculated by multiplying the width by a standard 2.0' of depth. See Standard Road Plan EW-103 and typical cross sections for additional information. This item includes payment for excavation in cut locations. The core out required to complete moisture and density is included in this item.
7	2115-0100000	MODIFIED SUBBASE Modified subbase is required under the new paving on Washburn Road and Dycart Road. See new paving typical within the B-Sheets. A full 8" thickness of modified subbase will be placed and thoroughly compacted in 2 lifts. Item also includes 8" of modified subbase on Dycart Road at the Orange Road intersection.
8	2121-7425020	GRANULAR SHOULDERS, TYPE B Material and placement shall conform to specifications and gradation of Type "B" Granular Shoulders.
		Shoulder material shall be placed in a minimum of 2 complete coverages to ensure proper compaction of material. The Contractor shall also ensure that the top shoulder surface has the proper slope and has a uniform (non-ways) appearance.
		Refer to details on Sheet B.02 and Tabulation 112-9 on Sheet C.6 for details and stationing breakdowns.
		Material density of 140 pcf was used to calculate tonnage. Estimated project quantity includes an additional 10% for any cross section irregularities along the project.
		Any damage to the new P.C.C. roadway due to the granular shoulder placement process will result in a price adjustment per Section 2.53, B., 3. of the Construction Manual.
		"Brooming" of the finished paved roadway upon shoudering completion shall apply to this item with NO additional payment. All cost shall be included with the granular shoulder bid item.
9	2213-2713300	EXCAVATION, CLASS 13, FOR WIDENING The Contractor shall ensure the base widening is the proper width and depth according to the typical cross sections on Sheet B.01. Refer to Shoulder Tabulation 112-9 for quantities.
		Excavated material shall become the property of the Contractor and shall be removed from the site.
10	2213-7100400	RELOCATION OF MAIL BOXES Temporary mail boxes shall be established prior to any construction beginning on the project. Temporary mailboxes shall be provided by the Contracting Authority (Black Hawk Co.), and temporarily installed mailboxes shall be removed and replaced with permanent mailboxes. The Contractor shall give Black Hawk County at least 5 days notice prior to needing the temporary mail boxes set up or removed.
		Existing mail boxes that restrict construction activities shall be removed. Mailboxes that will not be removed shall be in place and protected. Refer to tabulation Bco mailbox on Sheet C.8 for more site information. The Contractor is responsible for preservation and safeguarding (security) of removed mailboxes. The Contractor shall be responsible for any damages to mailboxes throughout the project, and for ownership coordination under this item.
		Final installations and relocations will be coordinated with the U.S. Postal Service, with review by the Engineer. The Engineer shall verify and determine the final number of mailboxes, by count.
		Basis of payment shall be full compensation for all removals, relocations, and reinstallations of mailboxes and associated materials and labor which is necessary for the work under this item. Any mailboxes damaged due to Contractor operations and/or negligence shall be replaced by the Contractor with an equivalent (or better) approved mailbox, with NO additional compensation.

**ESTIMATED PROJECT QUANTITIES
(1 DIVISION PROJECT)**

Item No.	Item Code	Item	Unit	Total	As Built Qty.
1	2101-0859001	CLEARING AND GRUBBING	ACRE	0.6	
2	2102-2625000	EMBANKMENT-IN-PLACE	CY	6099	
3	2102-2713090	EXCAVATION, CLASS 13, WASTE	CY	321.3	
4	2102-2713090	EXCAVATION, CLASS 13, WASTE	CY	781.2	
5	2105-0425015	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	8409	
6	2107-0875000	CONTRACT WITH MOISTURE AND DENSITY CONTROL	CY	2025.1	
7	2115-0100000	MODIFIED SUBBASE	TON	4725.3	
8	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	670.6	
9	2213-2713300	EXCAVATION, CLASS 13, FOR WIDENING	EACH	11118.3	
10	2213-7100400	RELOCATION OF MAIL BOXES	SY	10254.4	
11	2214-5145150	PAVEMENT SCARIFICATION	SY	25	
12	2301-1633000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.	LS	1	
13	2301-6875006	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	EACH	10000	
14	2301-6911722	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)	EACH	7000	
15	2301-7000120	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR QH-C PCC	TON	41.2	
16	2301-0901000	PAVEMENT STRIP DANCE (FOR SURFACE FACILITY FACTORS)	TON	41.2	
17	2301-0901750	ROBE STRIP DANCE (FOR SURFACE FACILITY FACTORS)	TON	41.2	
18	2303-0031750	HOT MIX ASPHALT MIXTURE (1,000,000 ESAL), BASE COURSE, 3/4 IN. MIX	TON	2.5	
19	2303-0245828	ASPHALT BINDER, PG 58-28	TON	2895.4	
20	2310-5151000	PORTLAND CEMENT CONCRETE OVERLAY, QH-C, FURNISH ONLY	CY	12624.4	
21	2319-5151050	PORTLAND CEMENT CONCRETE OVERLAY, QH-C, PLACEMENT ONLY (WHITE TOPPING)	SY	762.3	
22	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	8109	
23	2316-0000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	EACH	100	
24	2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	CY	100	
25	2401-0100100	BEACON, CIRCULAR, RED FLASHING	EACH	96	
26	2416-1165024	CULVERT, 20000 CONCRETE ENTRANCE PIPE, 24 IN. DIA.	LF	102	
27	2416-1180036	CULVERT, CONCRETE ROADWAY PIPE, 36 IN. DIA.	LF	14509.9	
28	2502-8212034	SUBDRAIN, LONGITUDINAL	EACH	24	
29	2502-8220150	SUBDRAIN OUTLET, RF-19E	SY	30	
30	2507-3250000	ENGINEERING FABRIC	SY	20	
31	2507-3250000	REMOVEMENT, CLASS E	TON	8130.7	
32	2510-6745850	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	56.2	
33	2515-2475006	REMOVEMENT, CLASS E	TON	2310	
34	2518-6910000	SHIELD CLOSURE CURBS	EACH	2310	
35	2518-6910000	SHIELD CLOSURE CURBS	EACH	2310	
36	2523-0000310	HANDHOLES AND JUNCTION BOXES	EACH	1	
37	2523-0000310	CONTROL CABINET	EACH	1	
38	2523-0000400	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	1	
39	2524-6705010	PERFORATED SQUARE STEEL TUBE POSTS	LF	192	
40	2524-9270010	PERFORATED SQUARE STEEL TUBE POSTS	LF	192	
41	2526-8205000	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	211.69	
42	2526-8205000	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	210.96	
43	2527-9261000	GROOVES CUT FOR PAVEMENT MARKINGS	STA	1	
44	2527-9270111	TRAFFIC CONTROL	LS	1	
45	2528-8445110	FLAGGERS	EACH	10	
46	2528-8445113	FLAGGERS	EACH	10	
47	2528-8445113	FLAGGERS	EACH	10	
48	2554-0124004	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	530	
49	2554-0124004	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.	LF	120	
50	2554-0203000	FITTINGS BY WEIGHT, DUCTILE IRON	LB	400	
51	2554-0207000	VALVE, GATE, DTP, 3 IN.	EACH	1	
52	2554-0207000	VALVE, GATE, DTP, 3 IN.	EACH	1	
53	2554-0207006	VALVE, GATE, DTP, 6 IN.	EACH	2	
54	2559-9595000	BEACON, CIRCULAR, RED FLASHING	EACH	2	
55	2559-9595005	BEACON, CIRCULAR, YELLOW FLASHING	EACH	4	
56	2559-9595009	WATER MAIN, TRENCHLESS, PVC, 3"	LF	450	
57	2601-2633100	PAVING	ACRE	400	
58	2601-2633100	PAVING	ACRE	400	
59	2602-0000320	PERMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.	LF	6583.8	
60	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	1	
61	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	1	

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2101-0859001	CLEARING AND GRUBBING Item is for the clearing and grubbing of the ditch along the east side of the Dycart Road from Sta. 416+00 to Sta. 423+00. Resulting waste from the clearing and grubbing process shall become the property of the contractor. Hauling and disposal of the material shall be included in this item.
2	2182-2625000	EMBANKMENT-IN-PLACE The embankment material is compacted and shall be supplied by the contractor. See Tabulation 107-29. Overhaul is included in the price bid for this item.

SHOULDERS

- 1 Lane(s) to which the shoulder is adjacent.
- 2 Bld. Lanes
- 3 Applies only for Paved Shoulders constructed on project with existing granular shoulders.
- 4 Does not include shrink.

Calculations assume a 100 unit weight (lbs/cf) of 0. a Special Backfill unit weight (lbs/cf) of 140, and a Granular Shoulder unit weight (lbs/cf) of 140.

Road Identification	Location	Station to Station		Side	Class 13 Excavation		Binder	Paved Shoulder	Reinforced Paved Shoulder	Special Backfill			Modified Subbase	Granular Shoulder		Earth Shoulder Construction Alternates				Remarks				
		CY	CY		TON	TON/STA				TON	TON/STA	TON		TON/STA	CY	TON	TON/STA	CY	CY		CY	CY	CY	CY
Dysart Road	North	413+00.00	414+77.04	RT	0.0	177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.9	50.2								
Dysart Road	North	414+77.04	414+77.04	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dysart Road	North	414+77.04	423+96.10	RT	0.0	919.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	709.3	77.2								
Dysart Road	South	423+96.10	424+50.88	LT	0.0	917.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	707.8	77.2								
Dysart Road	South	424+50.88	424+50.88	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dysart Road	South	424+50.88	425+62.53	LT	0.0	56.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.4	54.7								
Dysart Road	North	424+50.88	425+62.53	RT	0.0	66.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.5	54.7								
Dysart Road	South	425+62.53	425+62.53	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dysart Road	North	425+62.53	430+57.52	RT	0.0	495.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	382.0	36.8								
Dysart Road	South	430+57.52	430+57.52	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dysart Road	North	430+57.52	438+57.16	RT	0.0	322.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	133.2	50.2								
Dysart Road	South	438+57.16	438+57.16	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dysart Road	South	438+57.16	428+98.12	LT	0.0	30.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	59.2								
Dysart Road	North	428+98.12	430+58.34	LT	0.0	160.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	123.7	77.2								
Dysart Road	South	430+58.34	430+58.34	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dysart Road	North	430+58.34	476+37.00	RT	0.0	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	50.2								
Dysart Road	South	476+37.00	476+37.00	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dysart Road	North	476+37.00	476+37.00	RT	0.0	328.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	731.5	16.0								
Dysart Road	South	476+37.00	477+55.30	LT	0.0	49.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.7	41.2								
Dysart Road	North	477+55.30	477+55.30	RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dysart Road	South	477+55.30	477+55.30	LT	0.0	96.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.7	41.2								
Dysart Road	North	477+55.30	477+55.30	RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dysart Road	South	477+55.30	477+55.30	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Washington Road	East	127+50.00	131+67.16	RT	0.0	417.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134.6	32.3								
Washington Road	West	127+50.00	131+67.16	LT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Washington Road	East	133+22.58	135+99.97	RT	0.0	277.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.5	32.3								
Washington Road	West	133+22.58	135+99.97	LT	0.0	293.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.7	32.3								
			TOTAL:			670.6									4373.3									

UTILITIES

Utility	Company	Contact Person	Contact Number
Power	MidAmerican Energy Co.	Clay Youngblood	319-291-4711
Phone/Fiber	La Porte City Telephone Co.	David Powell	319-342-3369
Cable TV	Mediacom	Mike Unga	319-235-2197
Phone	Century Link (Quest)	Frank Felsner	319-399-7251
Rural Water	Central Iowa Water Association	Michael Nielsen	641-792-7011

UTILITY NOTES
04-26-13
Utility services for project were identified by Iowa One-Call locate information, from existing records, or field survey; therefore, not all utilities present may be shown. Any utilities shown are approximate "only" and "may not" be in the exact location as indicated in the plans.

Contractor shall initiate "all" locates prior to field activity to determine the existence and precise location of "any" utilities in the project area. Any misidentified utilities or damage to utilities resulting from Contractor operations are between "project Contractor" and "utility Contractor", marking provider. Contracting Authority shall not be held liable for damage to utilities by Contractor.

Relocation of affected utilities was initiated prior to project letting. However, not all utilities may be cleared prior to desired start date. Contractor should obtain status of relocation work upon award of contract.

Contracting Authority shall not be held liable for delays should any additional utilities be encountered during construction. There is no guarantee that the above listed utilities comprise all such utilities in the area, either in current service or those to be installed. No claims for additional compensation will be allowed to the Contractor for any interference or delay caused by such work.

Abandoned utilities encountered during excavation become "property of the Contractor" and shall be removed in accordance with "excess material" as per plans.

LISTING OF LIGHTING AND SIGNAL WORK

No.	Station	Type	Location		Conduit Type	Dia.	Length	Notes
			From	To				
1	132+29.30 RT. 22.8'	RW-42	Cabinet Handhole 2	Yellow Beacon Handhole 1	Sch. 40	2.0	438.0	Refer to P-01 and P-02 for additional details.
2	132+68.70 RT. 22.8'	RW-42	Cabinet Handhole 2	Yellow Beacon Handhole 1	Sch. 80	2.0	110.0	
			Handhole 2	Yellow Beacon Handhole 1	Sch. 80	2.0	112.0	
			Handhole 2	Yellow Beacon Handhole 1	Sch. 80	2.0	70.0	
			Handhole 2	Yellow Beacon Handhole 1	Sch. 80	2.0	490.0	
			Handhole 2	Yellow Beacon Handhole 1	Sch. 80	2.0	420.0	
			Handhole 1	Red Beacon Handhole 2	Sch. 40	2.0	546.0	
			Handhole 2	Red Beacon Handhole 2	Sch. 40	2.0	20.0	
			TOTAL:				2316.0	

RELOCATION OF MAILBOXES

(Relocations per Bid Item Reference Note)

No.	Existing Station	Offset	Side	House Number	Existing Remarks	As-Built Station	Reloc. Station	Offset	Side	Remarks
1	416+86	27.2	LT.	7624/7927	2 Metal & 2 Paper Boxes on Metal Plow Base					(1)
2	450+19	16.4	LT.	6511	1 Metal & 1 Paper Box on Wood Post					(1)
3	450+19	15.8	LT.	6511	2 Metal & 2 Paper Boxes on Wood Post					(1)
4	129+35	21.5	LT.	2916	1 Metal & 1 Paper Box on Decorative Metal Base					(1)
5	129+50	22.5	LT.	7816	1 Metal Box on Decorative Metal Post					(1)
6	131+51	24.4	LT.	6948	1 Metal & 1 Paper Box on Metal Base					(1)

Notes:
1. If removed, replace near new alignment offer construction.